

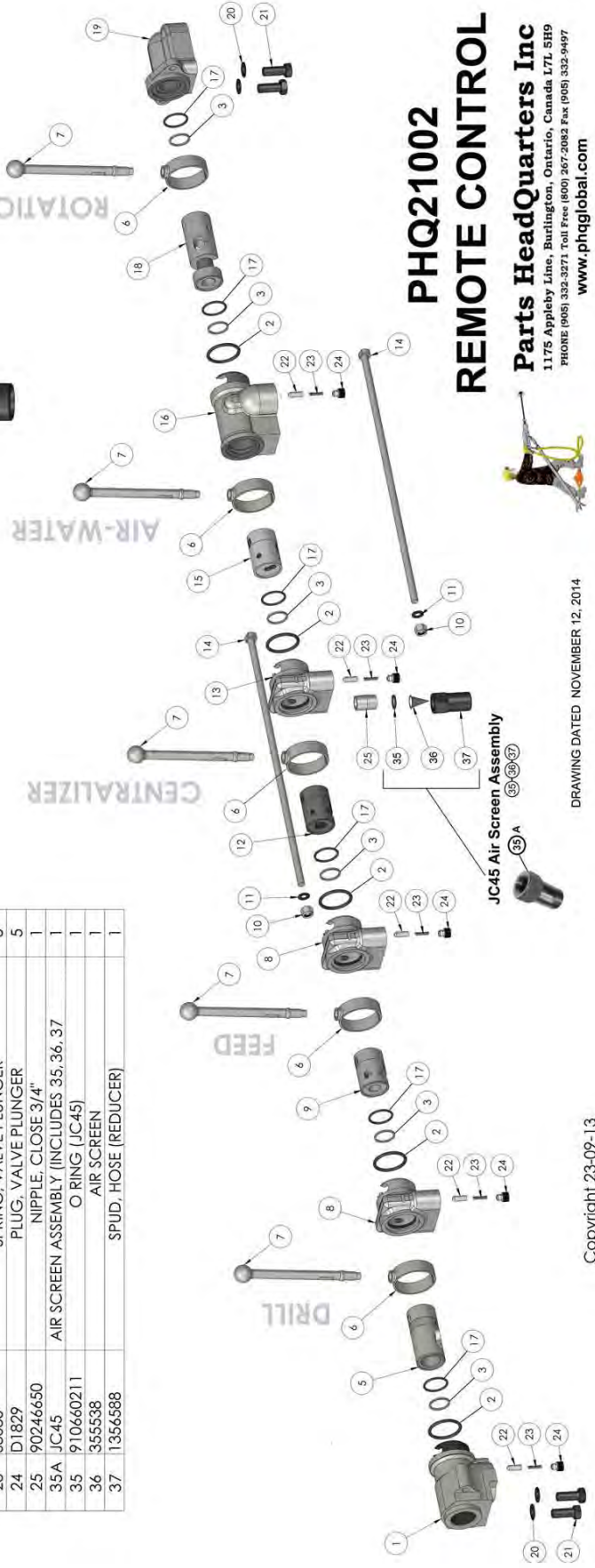
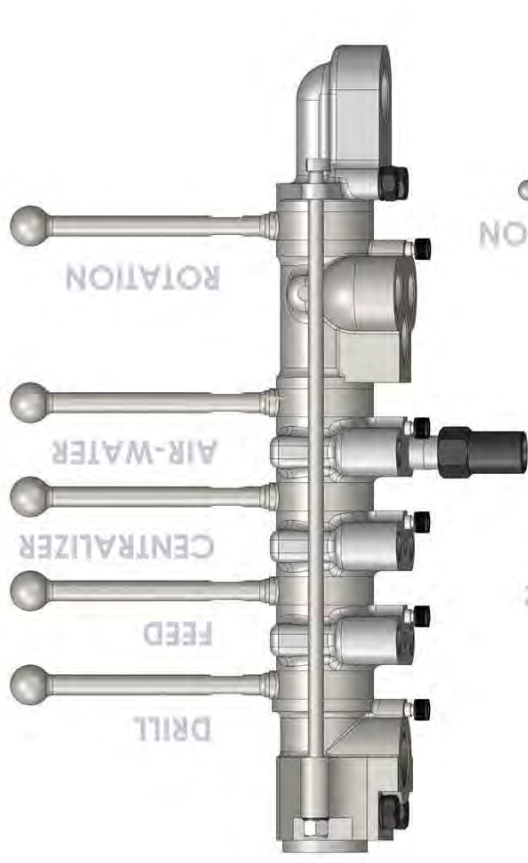


***PHQGlobal***

**PHQ21002**  
**Remote Control Assembly**  
**PARTS AND REPAIR MANUAL**



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	A12411	HOUSING, DRILL VALVE	1
2	164451P60	O RING	5
3	D1831	RING VALVE SEAL	6
5	B18911A	VALVE, DRILL	1
6	C25071	RING, DUST LEVER	5
7	C2506L	LEVER	5
8	B19491	HOUSING, FEED AND CENTRALIZER	2
9	B18981A	VALVE, FEED MOTOR CONTROL	1
10	128M12	LOCKNUT (67605) (1278F)	2
11	17412022	WASHER	2
12	B18971	VALVE, CENTRALIZER CONTROL	1
13	B18931	HOUSING, AIR WATER	1
14	C3256	BOLT, THROUGH	2
15	B18951A	VALVE, WATER	1
16	A1840	HOUSING ROTATION MOTOR	1
17	164241P60	O RING	6
18	B2644	VALVE, ROTATION MOTOR	1
19	A1849	HOUSING AIR INLET	1
20	90030264	WASHER, LOCK 5/8"	4
21	11010W1	BOLT, REMOTE MOUNTING 16MMX	4
22	D1830	PLUNGER, VALVE	5
23	S3030	SPRING, VALVE PLUNGER	5
24	D1829	PLUG, VALVE PLUNGER	5
25	90246650	NIPPLE, CLOSE 3/4"	1
35A	JC45	AIR SCREEN ASSEMBLY (INCLUDES 35, 36, 37)	1
35	910660211	O RING (JC45)	1
36	355538	AIR SCREEN	1
37	1356588	SPUD, HOSE (REDUCER)	1



# PHQ21002 REMOTE CONTROL

**Parts Headquarters Inc**  
 1175 Appleby Line, Burlington, Ontario, Canada L7L 5H9  
 PHONE: (905) 332-3271 Toll Free (800) 267-2082 Fax (905) 332-9497  
[www.phqglobal.com](http://www.phqglobal.com)

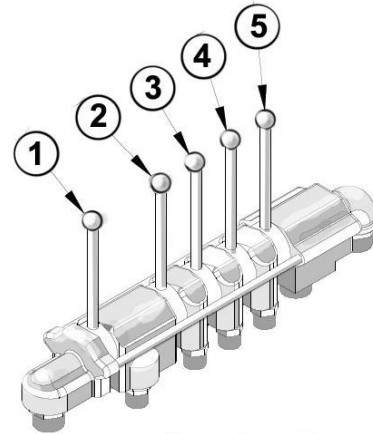


DRAWING DATED NOVEMBER 12, 2014

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The remote-control assembly is relatively straight forward and simple in design and easy to repair following the schematic drawing arrangement provided above. There are five controls for the PHQ36 Independent Rotation drilling machine. They are all contained in a single remotely operated control panel:

- 1 Rotation** - Lever forward to rotate drill rod clockwise.  
Lever back to rotate drill rod counterclockwise.
- 2 Flushing** - Lever forward to active water flushing.  
Lever back to active air flushing.
- 3 Centralizer** - Lever forward to open the centralizer.  
Lever back to close centralizer.
- 4 Drill Feed** - Lever forward to move the drill forward.  
Lever back to move the drill backwards.
- 5 Percussion** - Lever forward to active the percussion.  
Lever back to stop the percussion.



- 1) Inlet air from dual ports exiting the F61 lubricator are connected to both ends of the remote-control panel with 2" (51mm) high pressure hoses.
- 2) The rotation motor on the drill is connected with 1" (25mm) high pressure hoses.
- 3) The air and water flushing is connected with 1" (25mm) high pressure hose.
- 4) The Centralizer is connected with 1/2" (13mm) high pressure hoses.
- 5) The Feed is connected with 3/4" (19mm) hoses
- 6) The Percussion is connected with 1 1/2" (38mm) hose.

