

Аграрі
Agro
Замовлення запчастин
RO-XL
(050)-407-68-47
(050)-407-68-45

Spare Parts Manual

Article number:	VN70009951-3
Language:	EN
Production year (from):	2011
Prod. Series nr (from):	VN20703
01987 < Mach. ID <=	



Замовлення запчастин

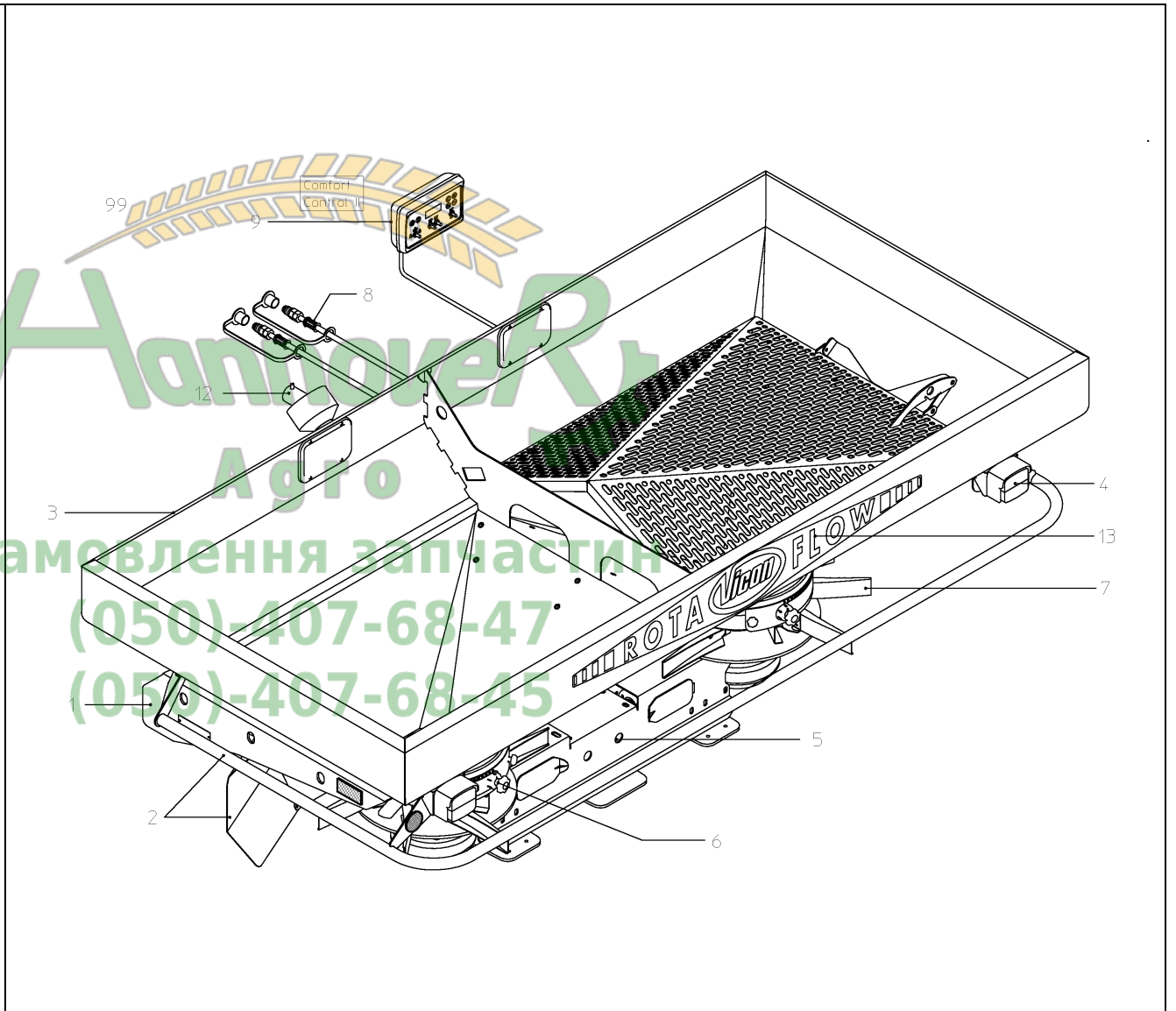
(050)-407-68-47

(050)-407-68-45

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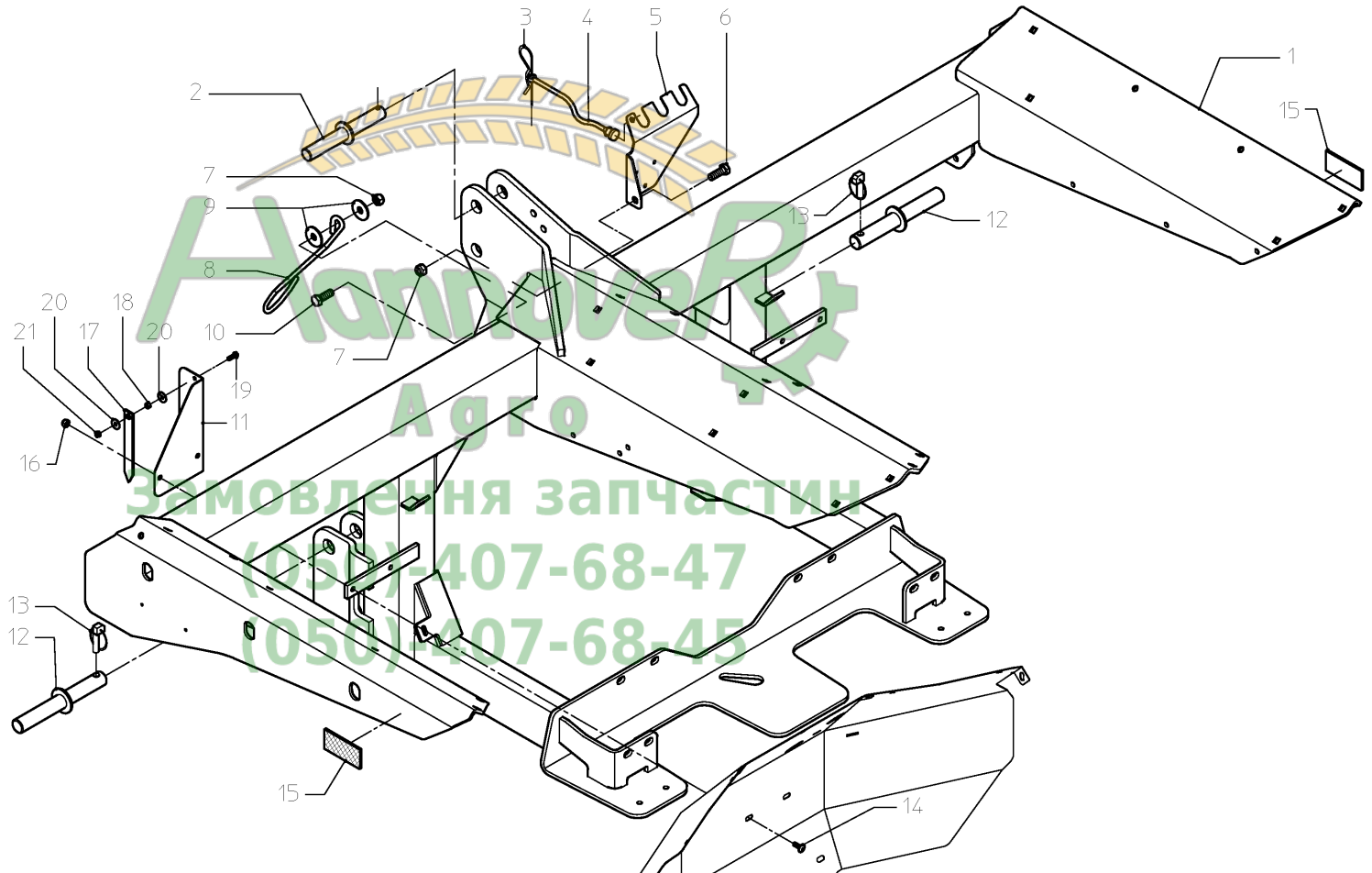
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RO-XL / FRAME



PosNo.	Part No.	Qty.
1	VNB4277086	1
2	VNB1599794	1
3	VNB0897393	1
4	VNB0870178	1
5	VNB4077402	1
6	KG00500900	1
7	KG01070100	2
8	VNB2332694	1
9	KG01901600	2
10	KG00501100	1
11	VNB2003102	1
12	VNB1599994	2
13	VNB0765193	2
14	VN30128821	2
15	VN37601011	2
16	KG01069900	2
17	VNB2003294	1
18	VNB2003302	1
19	KG00495200	1
20	KG01901300	2
21	KG01069800	1

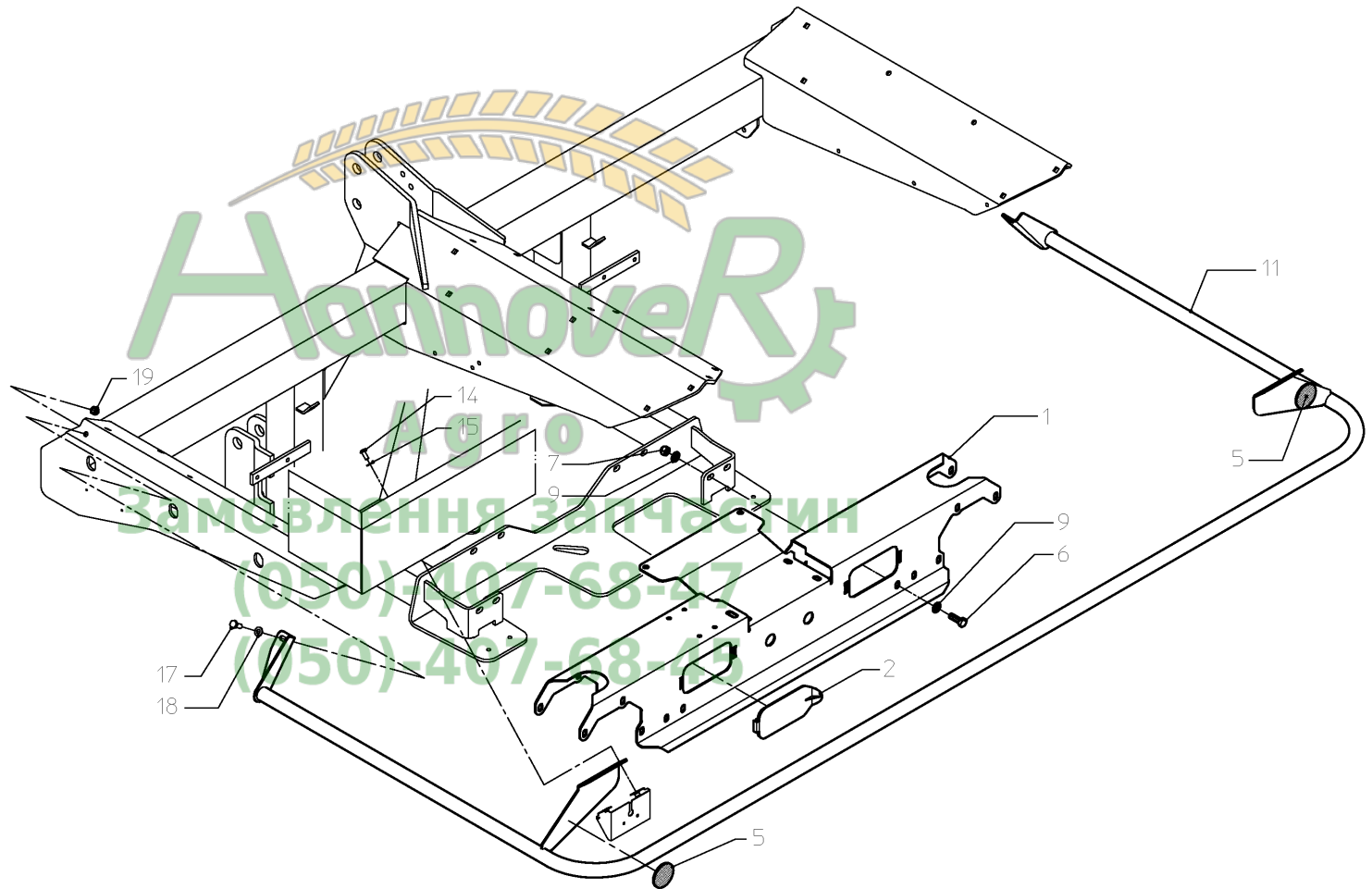


ROXL_VN20702_N01

RO-XL / PROTECTION



PosNo.	Part No.	Qty.
1	VNB4344486	1
2	VNB4253078	2
5	VN37601015	2
6	KG00501000	8
7	KG01070100	8
9	KG01264100	16
11	VNB4630594	1
14	KG00739400	4
15	KG01263900	4
17	KG00498700	2
18	KG01264000	2
19	KG01070000	2

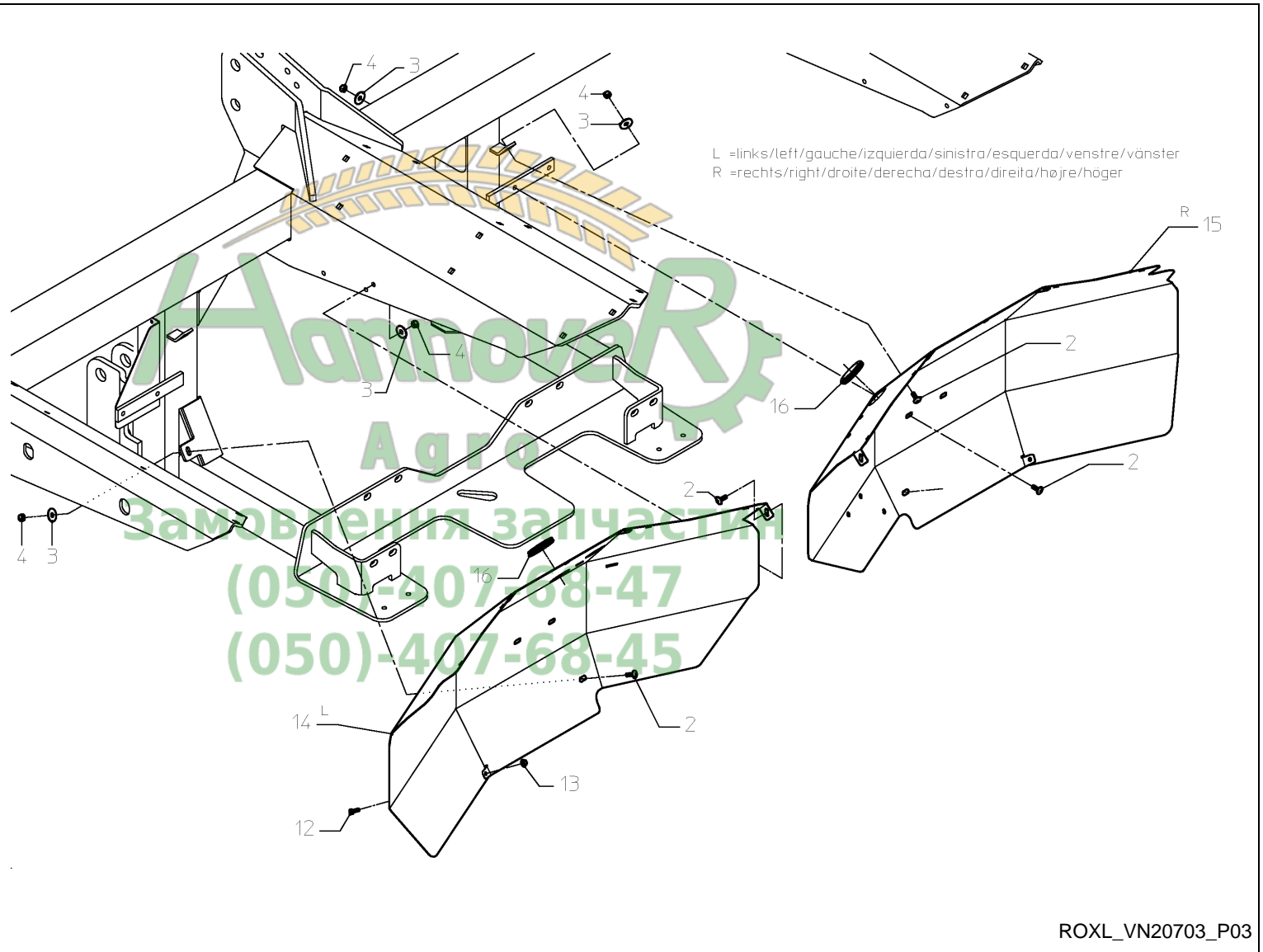


ROXL_VN20703_P02

RO-XL / PROTECTION



PosNo.	Part No.	Qty.
2	VN30128821	8
3	KG01901400	8
4	KG01069900	8
12	KG00494900	6
13	KG01059600	6
14	VNB4381202	1
15	VNB4381302	1
16	VNB4780478	2



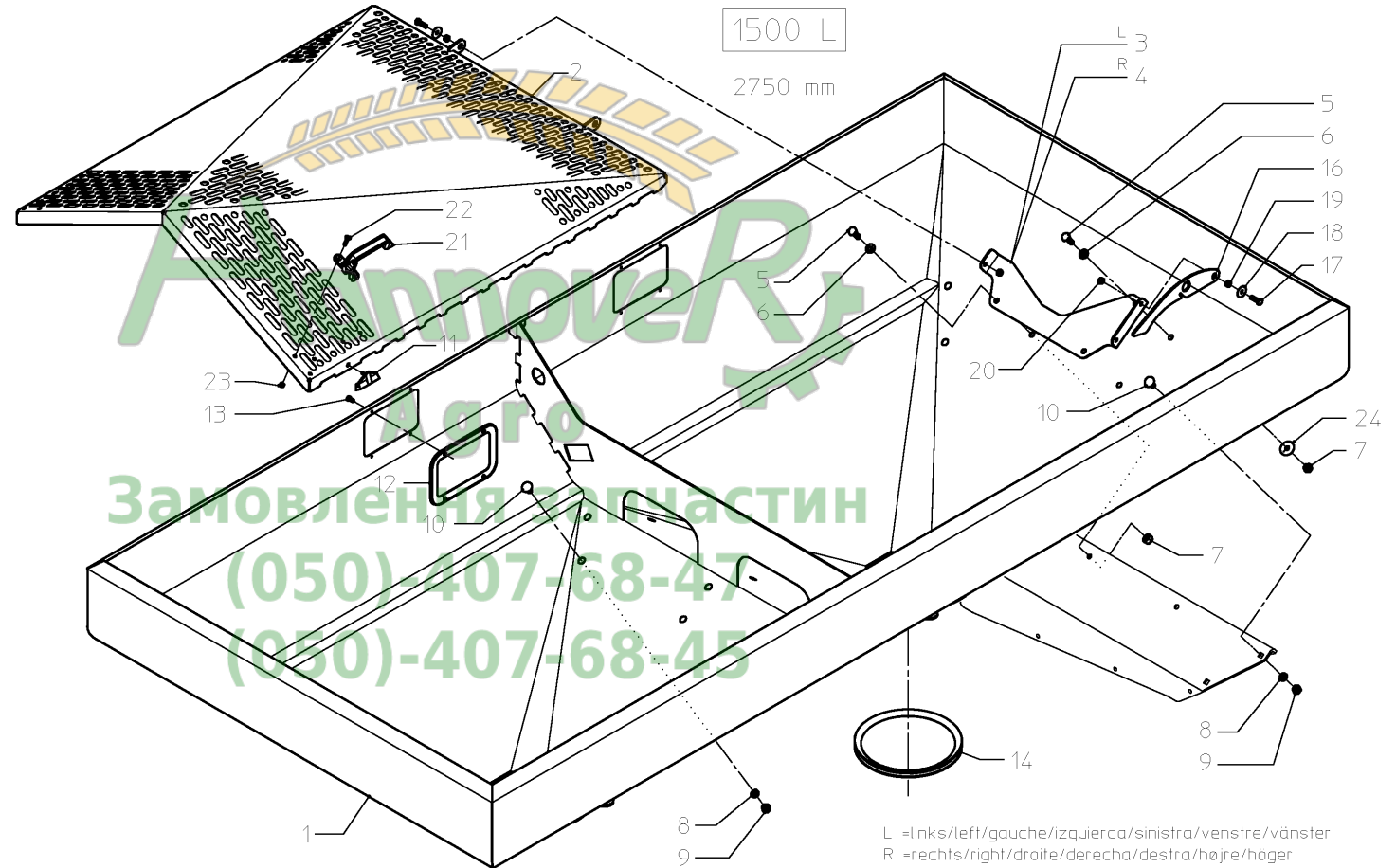
Агросервис
Замовлення запчастин
(050)-407-68-47
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ROXL_VN20703_P03

RO-XL / HOPPER AND SIEVE (1500 L)



PosNo.	Part No.	Qty.
1	VNB4261394	1
2	VNB4277786	2
3	VNB4277994	1
4	VNB4278094	1
5	KG00498700	6
6	KG01264000	6
7	KG01070000	6
8	VN30117100	20
9	KG01053800	20
10	KG00654400	20
11	VNB2068778	4
12	VNB2760978	4
13	VN30143310	16
14	VNB4319078	2
16	VNB4627794	2
17	KG00497100	6
18	KG01901400	6
19	VNB4270602	6
20	KG01069900	6
21	VNB4627578	2
22	KG00870000	6
23	KG01069800	6
24	KG01901500	2

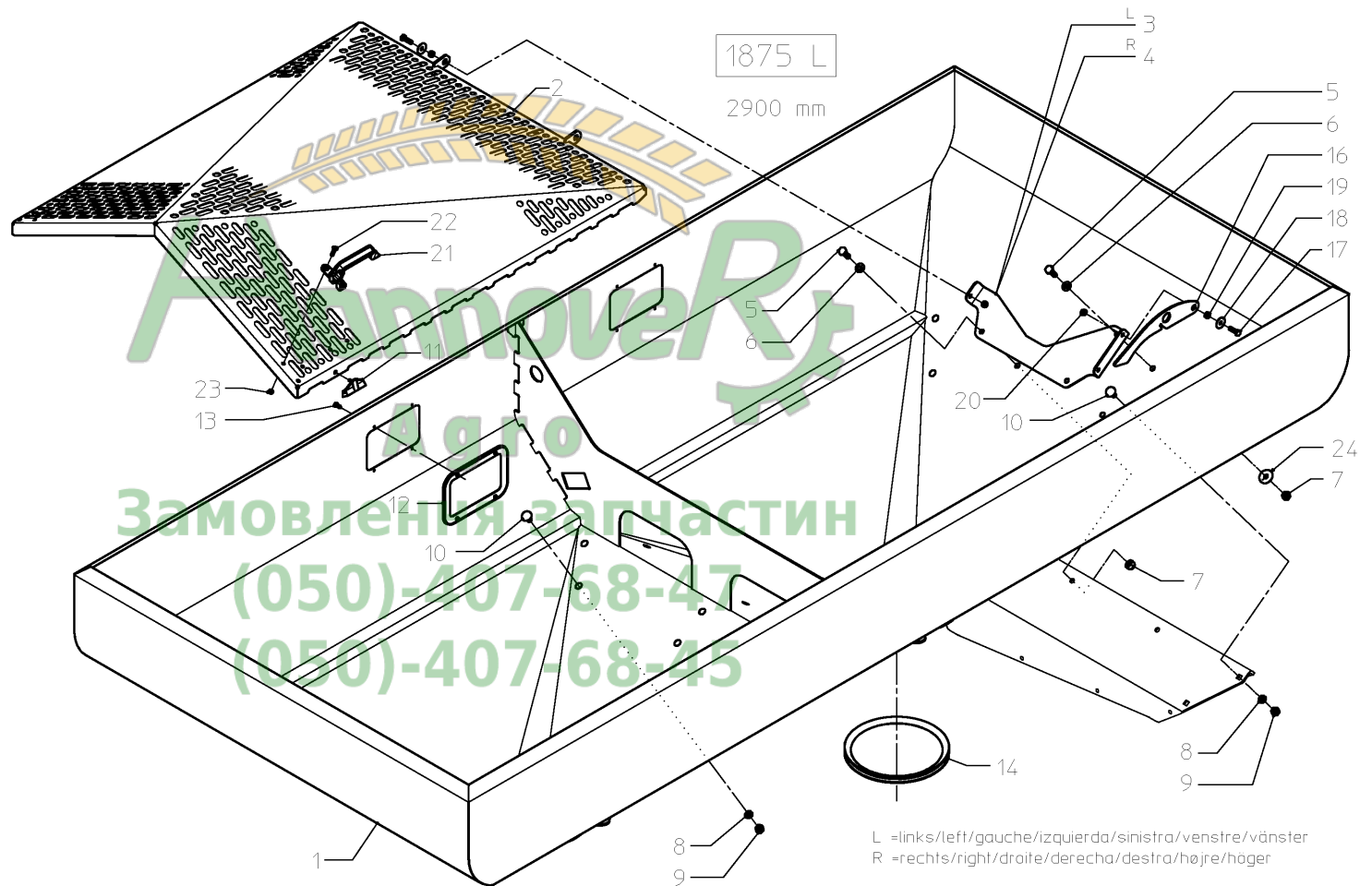


ROXL_VN20702_N04

RO-XL / HOPPER AND SIEVE (1875 L)



PosNo.	Part No.	Qty.
1	VNB4328594	1
2	VNB4277786	2
3	VNB4277994	1
4	VNB4278094	1
5	KG00498700	6
6	KG01264000	6
7	KG01070000	6
8	VN30117100	20
9	KG01053800	20
10	KG00654400	20
11	VNB2068778	4
12	VNB2760978	4
13	VN30143310	16
14	VNB4319078	2
16	VNB4627794	2
17	KG00497100	6
18	KG01901400	6
19	VNB4270602	6
20	KG01069900	6
21	VNB4627578	2
22	KG00870000	6
23	KG01069800	6
24	KG01901500	2

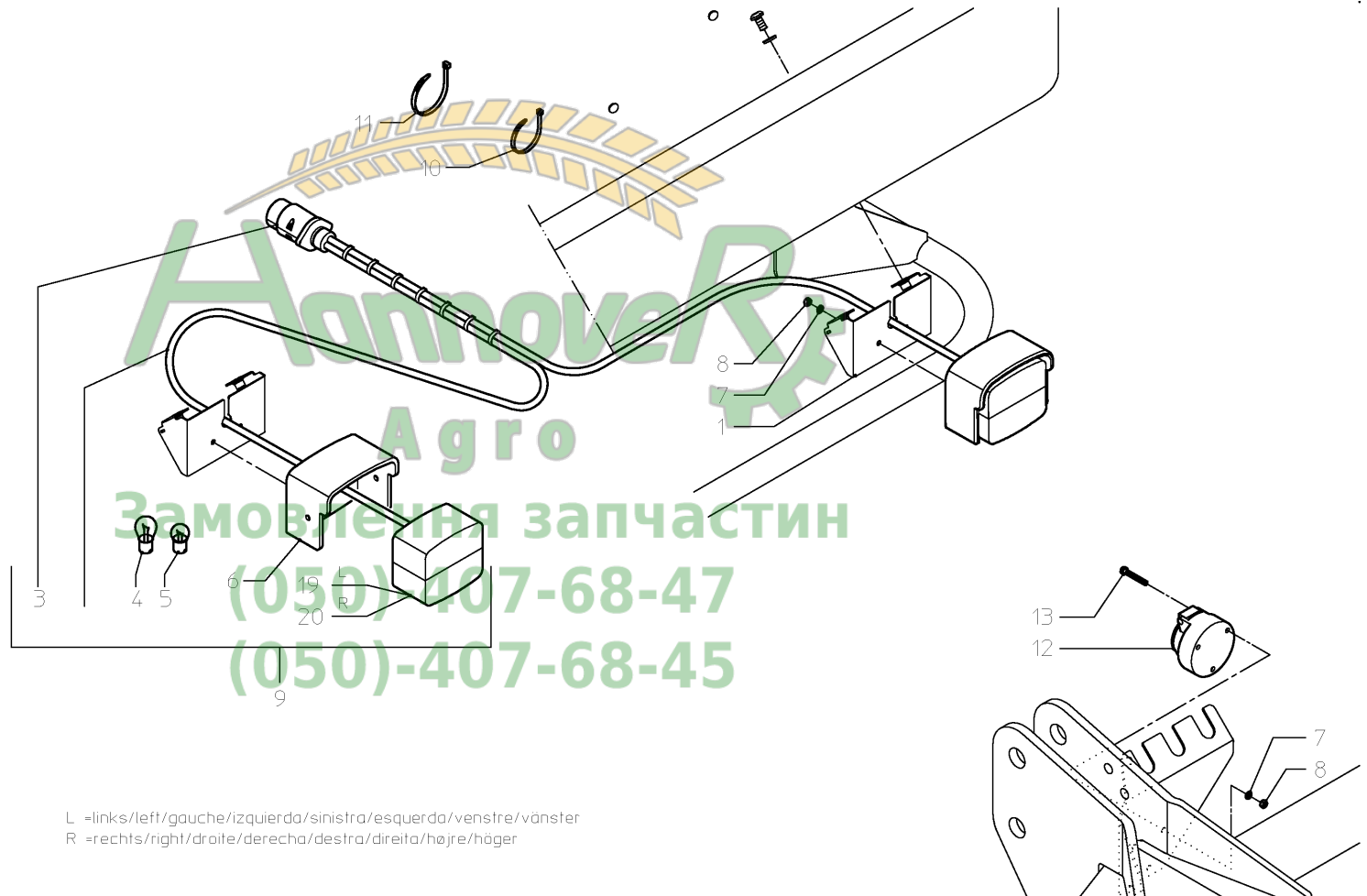


ROXL_VN20702_N05

RO-XL / LIGHTING



PosNo.	Part No.	Qty.
1	VNB4692078	2
3	VN48101007	1
4	VN48523002	4
5	VN48523001	2
6	VNB3620578	2
7	KG01283000	7
8	KG01053400	7
9	VNB4255678	1
10	VN80504003	12
11	VN80504001	2
12	VNB0341273	1
13	KG00714100	3
19	VNB3452478	1
20	VNB3452378	1



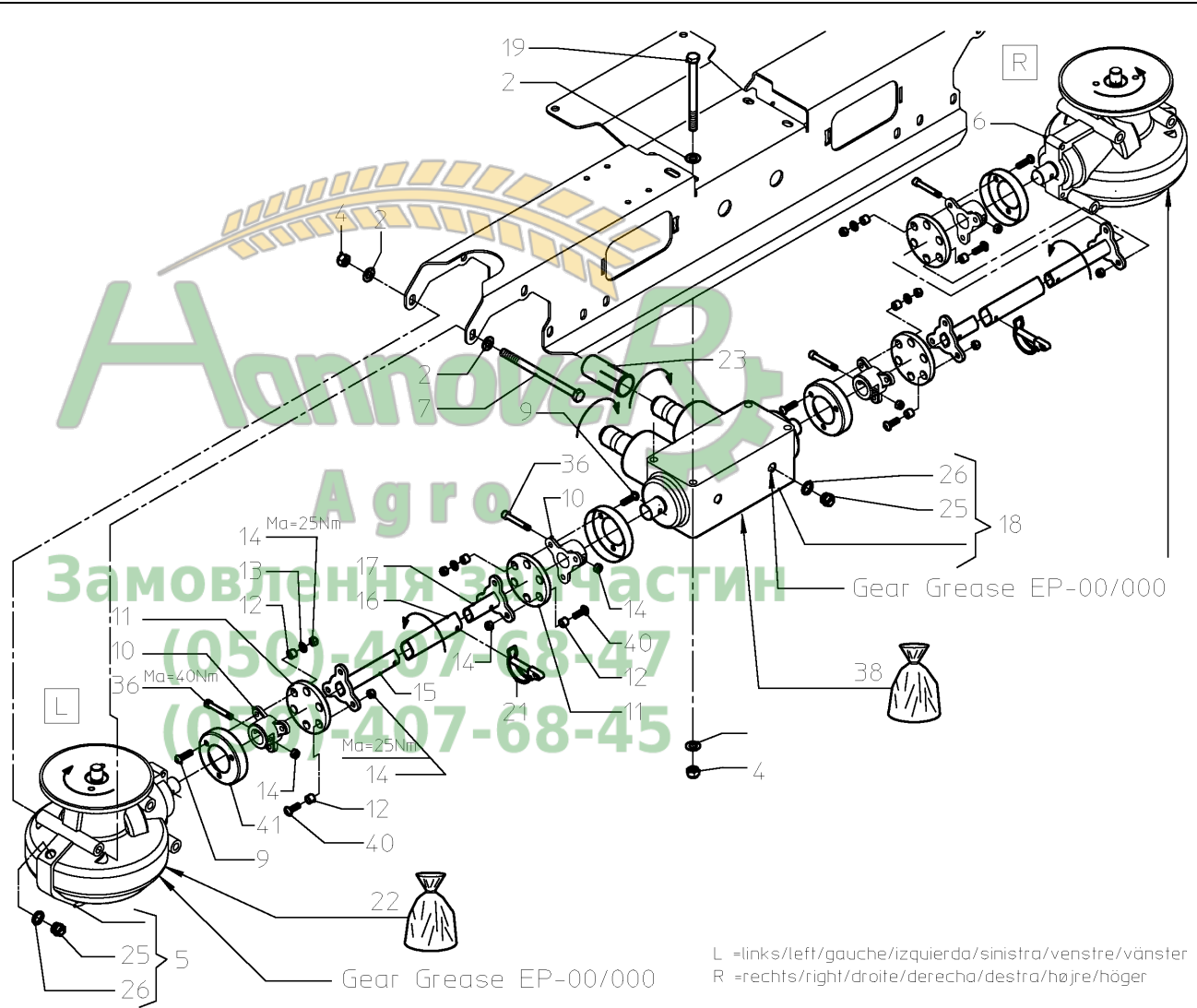
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 R =rechts/right/droite/derecha/destra/direita/højre/höger

ROXL_VN20703_P06

RO-XL / DRIVE



PosNo.	Part No.	Qty.
2	KG01264100	20
4	KG01070100	10
5	VNB4064878	1
6	VNB4064978	1
7	KG00399800	6
9	KG00739600	12
10	VNB4668593	4
11	VNB2417578	4
12	VNB2417602	24
13	KG01263900	12
14	KG01069900	28
15	VNB4347993	2
16	VNB4348393	2
17	VNB4348193	2
18	VNB4341978	1
19	KG00399400	4
21	VNB0682993	2
22	VNB4466478	2
23	VNB3550678	1
25	VNB3588378	4
26	VNB3588478	4
36	VNB4348493	4
38	VNB4466678	1
40	RG00050664	12
41	VNB3910902	4



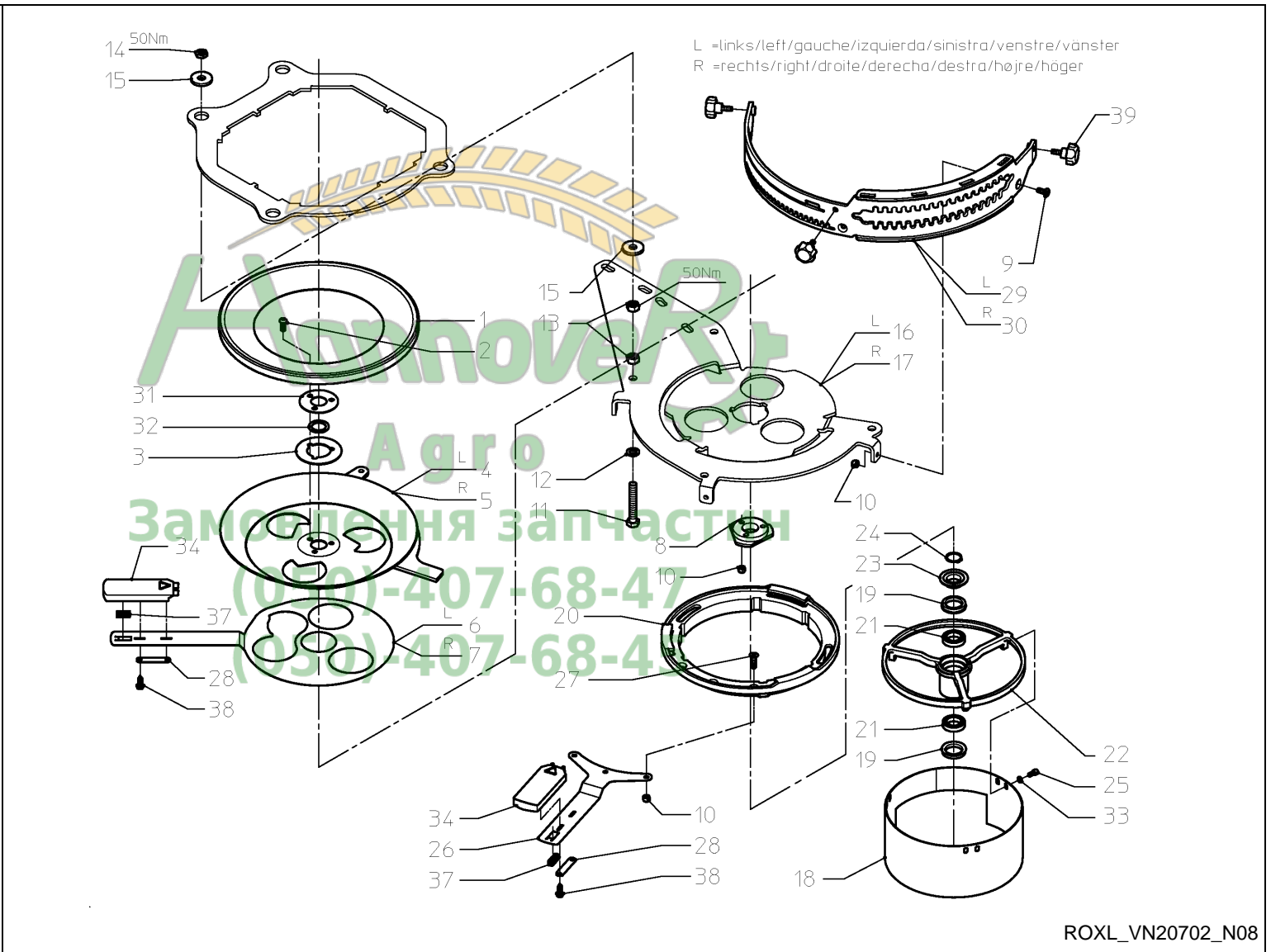
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ROXL_VN20702_N07

RO-XL / DOSAGE



PosNo.	Part No.	Qty.
1	VNB3317278	2
2	KG00738100	6
3	VNB4061702	2
4	VNB3969702	1
5	VNB3969802	1
6	VNB3957302	1
7	VNB3957402	1
8	VNB4073178	2
9	KG00870200	6
10	KG01069800	18
11	KG00499500	8
12	VN30117100	8
13	KG01053800	16
14	KG01044900	8
15	VNB4042702	16
16	VNB3967598	1
17	VNB3967698	1
18	VNB4239702	2
19	VN36112005	4
20	VNB4060978	2
21	KG01421400	4
22	VNB4225402	2
23	VNB4023502	2
24	KG01107862	2
25	KG00562400	6
26	VNB3957502	2
27	KG00870000	6
28	VNB3559902	4
29	VNB4042498	1
30	VNB4042598	1
31	VNB4059402	2
32	VNB4061978	2
33	KG01283000	6
34	VNB3958278	4
37	VNB3970002	4
38	KG00747600	8
39	VNB4077378	6



ROXL_VN20702_N08

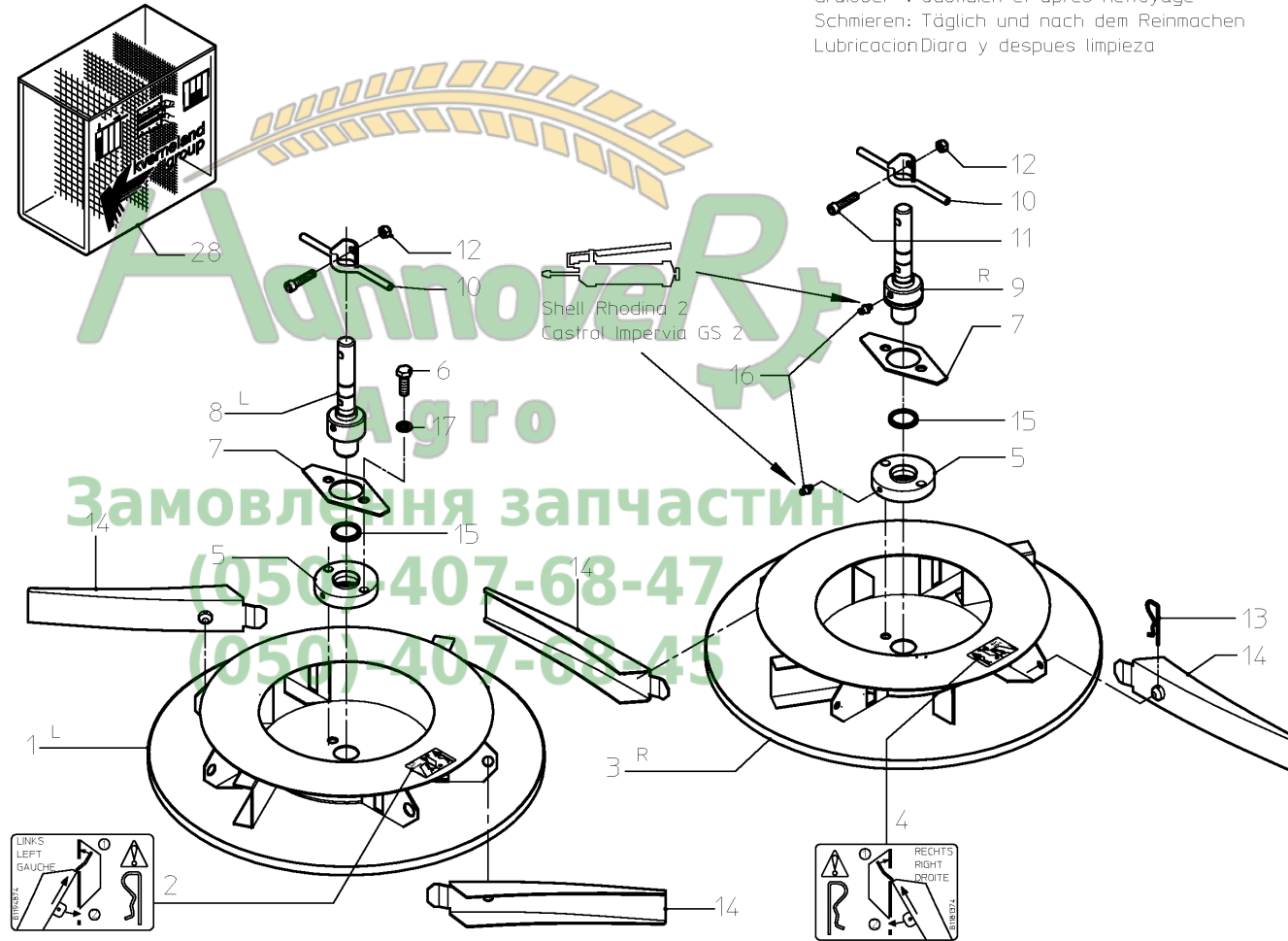
RO-XL / DISC, BROADCASTER



PosNo.	Part No.	Qty.
1	VNB3414002	1
2	VNB1194874	1
3	VNB3414102	1
4	VNB1181374	1
5	VNB3388365	2
6	KG00498800	4
7	VNB3388402	2
8	VNB4077502	1
9	VNB4077602	1
10	VNB3717802	2
11	KG00565700	2
12	KG01069900	2
13	VNB1082102	12
14	VNB1060002	12
15	VN36112032	2
16	VN30130800	4
17	KG01283300	4
28	VN79771219	1

L =links/left/gauche/izquierda/sinistra/venstre/vänster
 R =rechts/right/droite/derecha/destra/højre/höger

Smeren : Dagelijks en na het schoonmaken
 Lubricate : Daily and after cleaning
 Graisser : Quotidien et après nettoyage
 Schmierer: Täglich und nach dem Reinmachen
 Lubricacion:Diara y despues limpieza

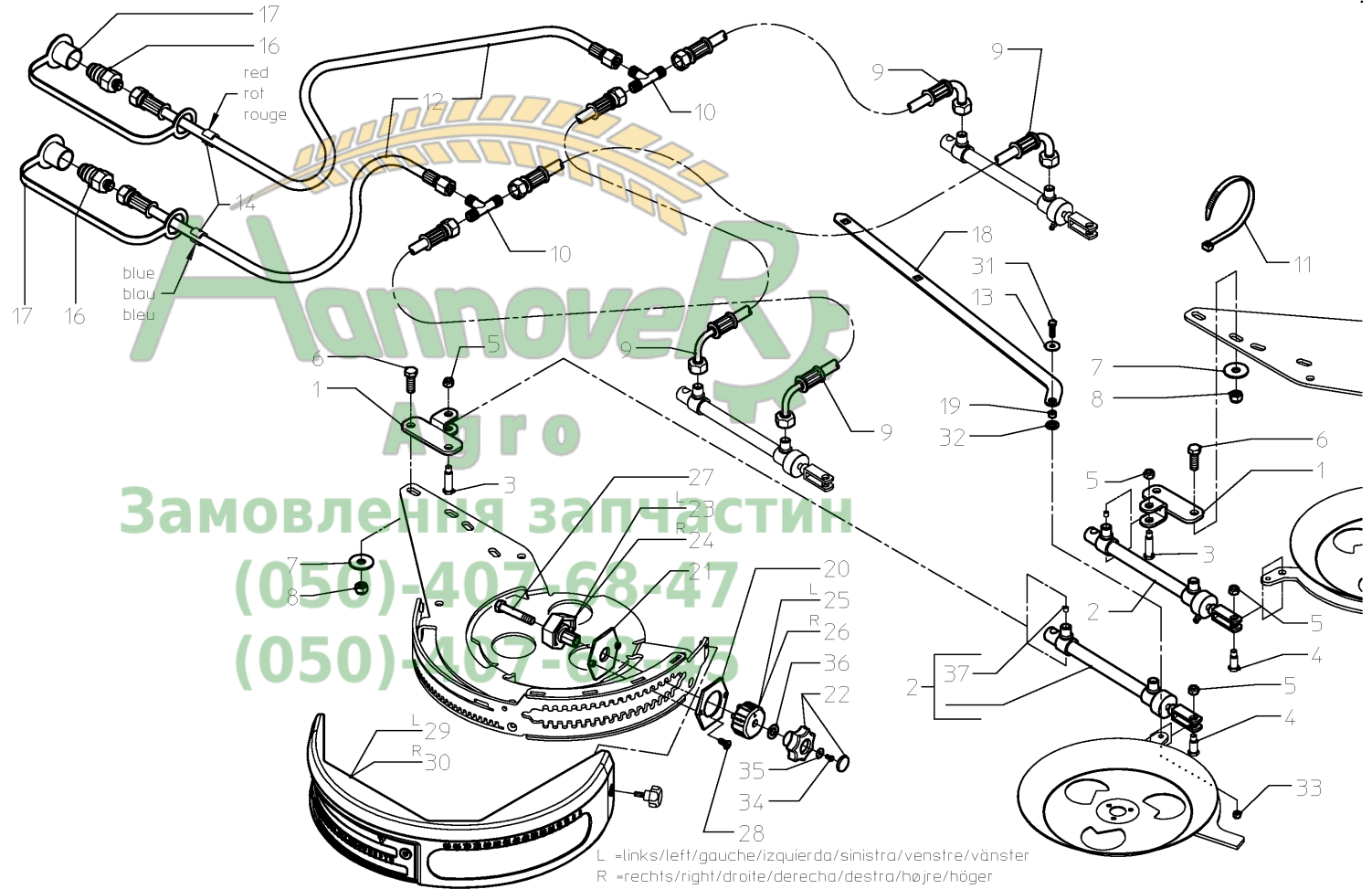


ROXL_VN20702_N09

RO-XL / CONTROL, HYDRAULIC



PosNo.	Part No.	Qty.
1	VNB3322494	2
2	VNB4423078	2
3	VNB4808602	2
4	VNB4808702	2
5	KG01069900	4
6	KG00498700	4
7	KG01901500	4
8	KG01070000	4
9	VNB4297178	4
10	VNB4297702	2
11	VN80504001	4
12	VNB4253278	2
13	KG01901300	2
14	AC351803	1
16	RG00048610	2
17	VN38854581	2
18	VNB4381694	2
19	VNB2003302	2
20	VNB3957778	2
21	VNB3957678	2
22	VNB4292878	2
23	VNB3957878	1
24	VNB3957978	1
25	VNB3958078	1
26	VNB3958178	1
27	VNB4292978	2
28	KG00803400	4
29	VNB3962278	1
30	VNB3962378	1
31	KG00495200	2
32	VNB4239578	2
33	KG01069800	2
34	KG00679700	2
35	KG01901100	2
36	KG01264000	2
37	VNB4743202	2

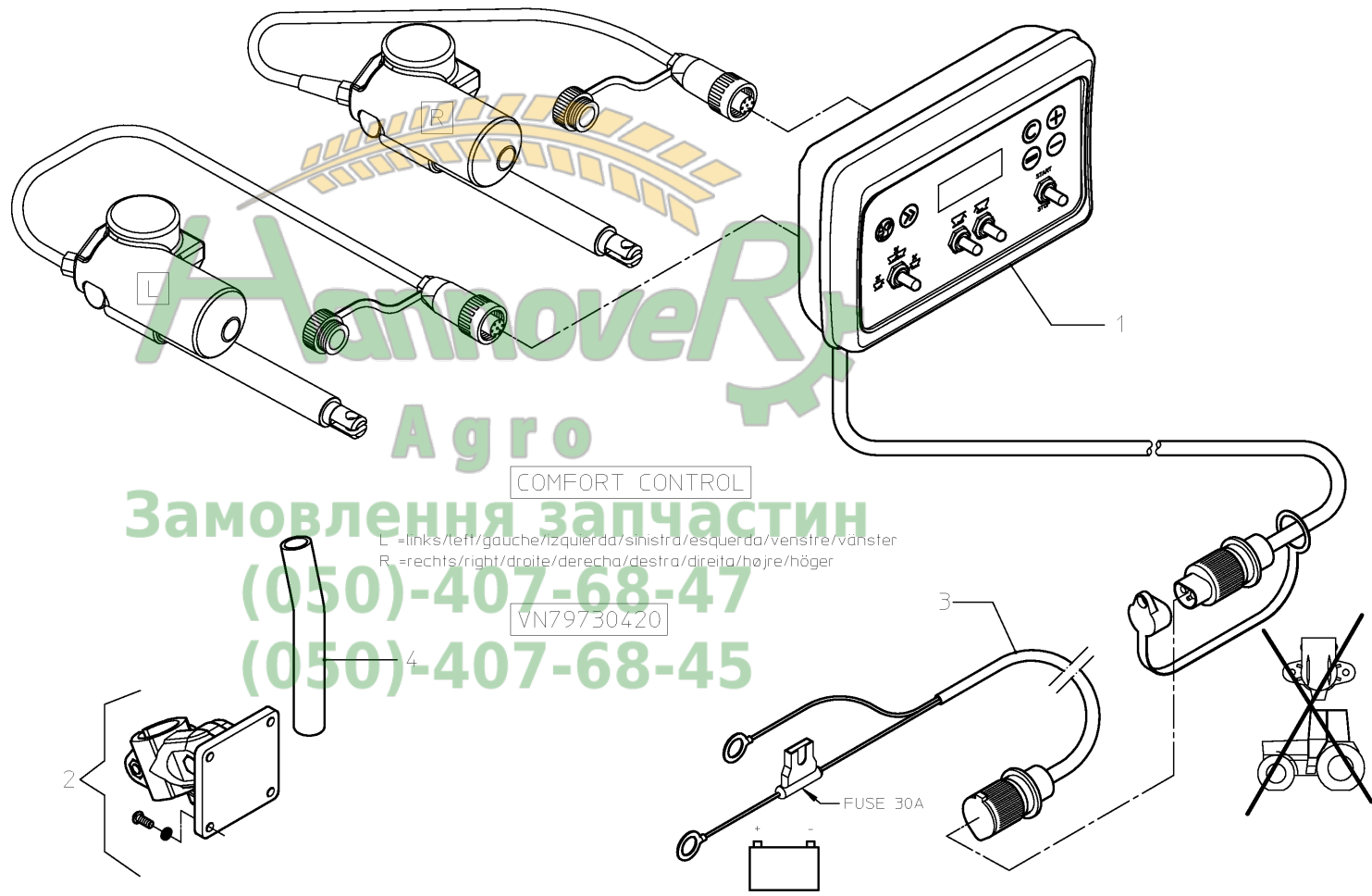


ROXL_VN20703_P10

RO-XL / COMFORT CONTROL



PosNo.	Part No.	Qty.
1	VNB0563773	1
2	VNB0548173	1
3	VNB0374873	1
4	VNB3872902	1



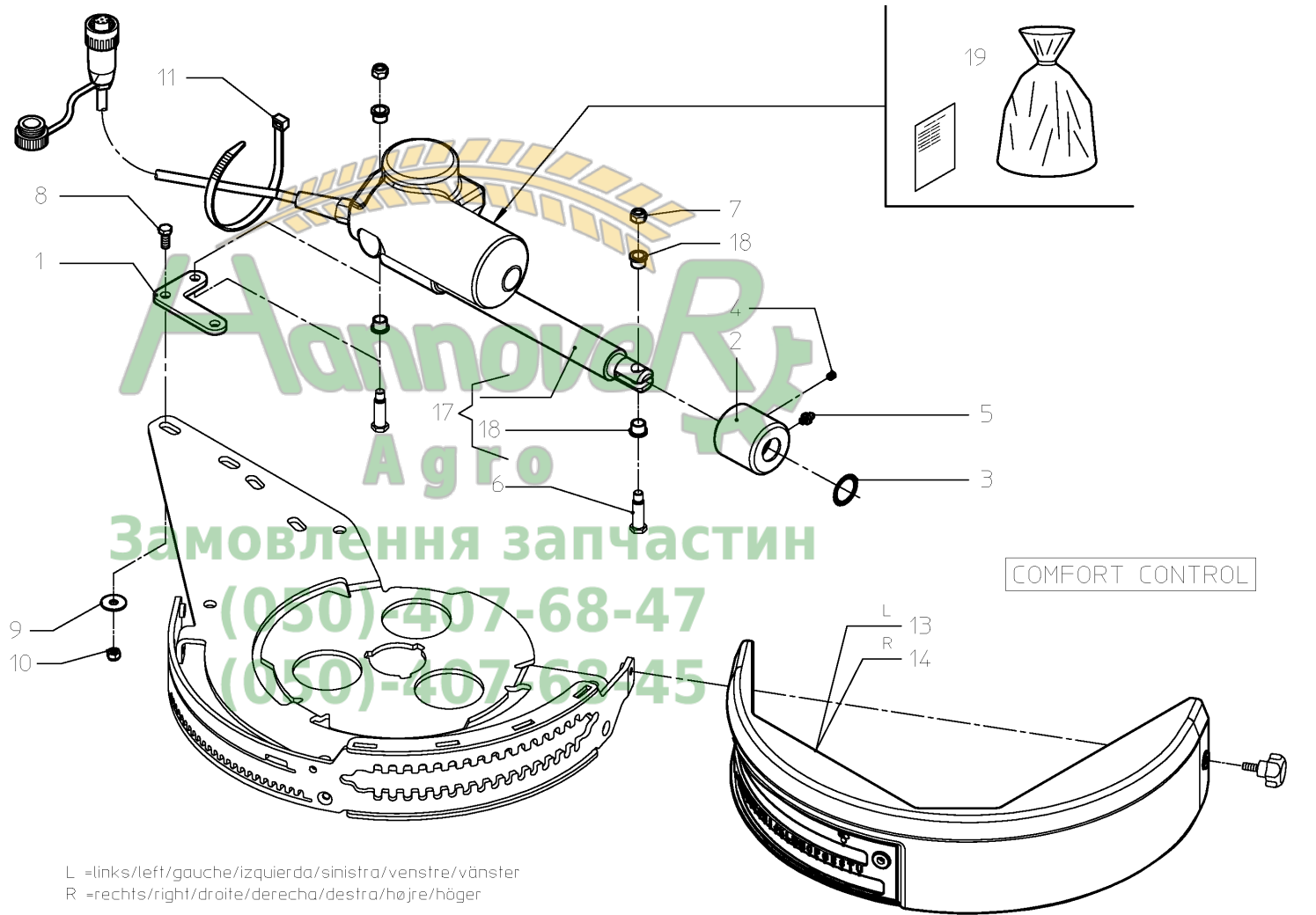
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ROXL_VN20702_N11

RO-XL / COMFORT CONTROL



PosNo.	Part No.	Qty.
1	VNB4713902	2
2	VNB3317378	2
3	VN36107317	2
4	KG00945900	2
5	VN30130800	2
6	VNB4808502	4
7	KG01069900	4
8	KG00498700	4
9	KG01901500	4
10	KG01070000	4
11	VN80504001	2
13	VNB4063078	1
14	VNB4063178	1
17	VNB0550373	2
18	VNB2235978	8
19	VNB0566173	1



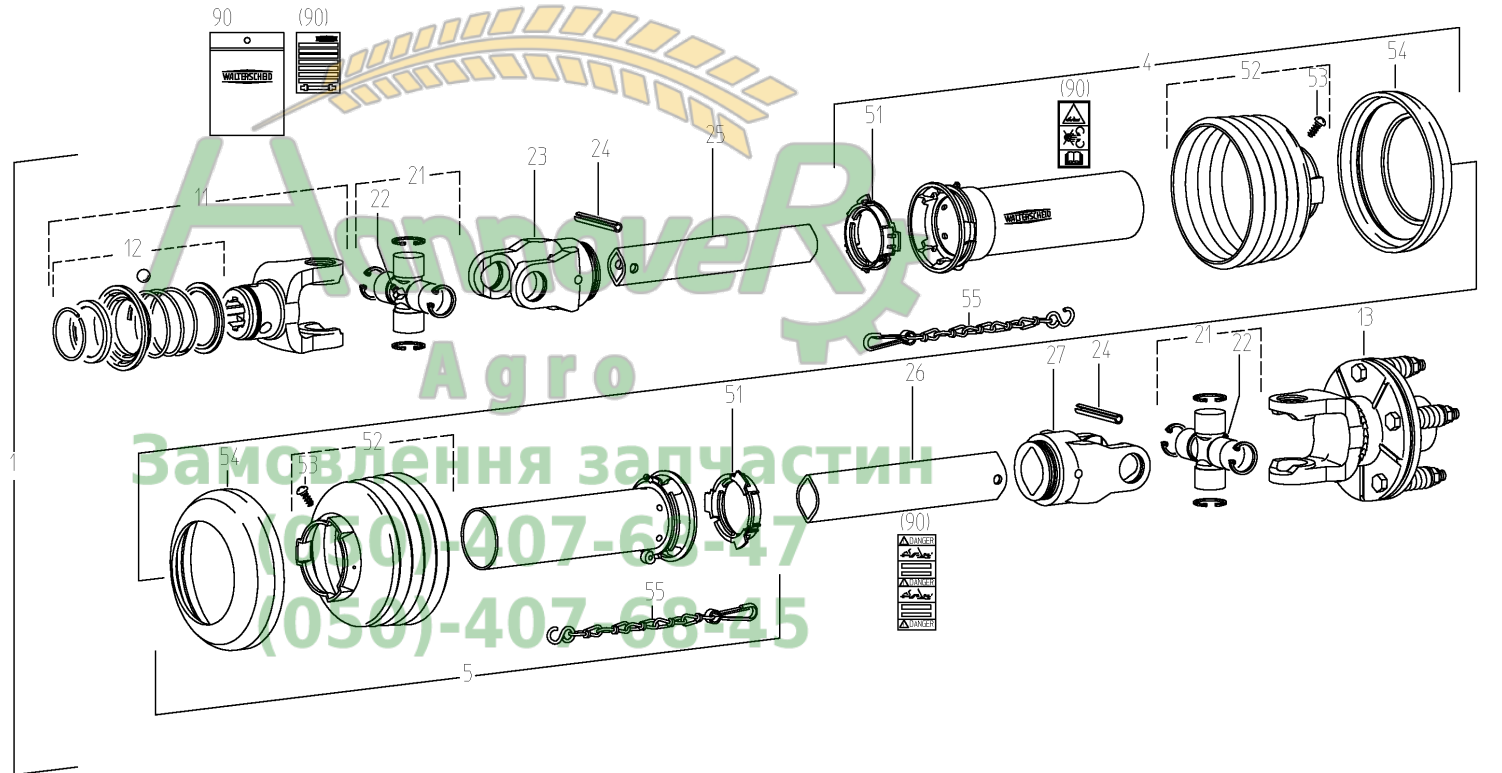
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 R =rechts/right/droite/derecha/destra/højre/höger

ROXL_VN20703_P12

RO-XL / UNIV. JOINT SHAFT



PosNo.	Part No.	Qty.
1	VN46120092	1
4	VG85.005	1
5	VG85.004	1
11	VG10.83.40	1
12	VGAGRASET173	1
13	VG56.117.19	1
21	VG10.01.00	2
22	VGND98026V	2
23	VG10.48.00	1
24	KG01192062	2
25	VG75.02.15	1
26	VG75.06.15	1
27	VG10.49.00	1
51	VG83.09.01	2
52	VG85.05.06	2
53	VG365305	2
54	VG83.10.03	2
55	VG82.36.03	2
90	VGAGRASET207	1

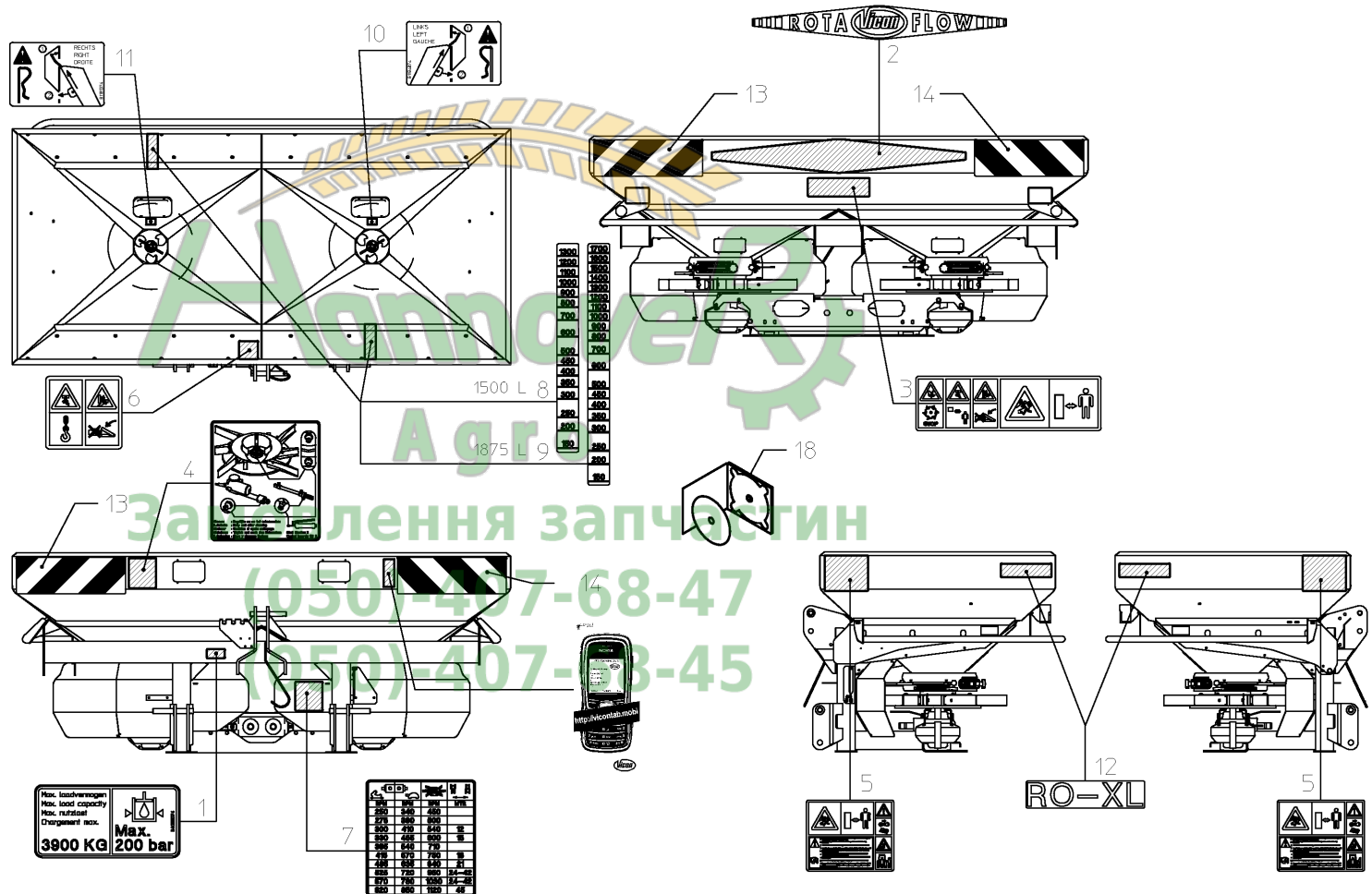


ROXL_VN20702_C01

RO-XL / DECAL SCHEMATIC

PosNo. Part No. Qty.

1	VNB4053074	1
2	VNB4105274	1
3	VNB4377074	1
4	VNB4493474	1
5	VNB4376974	2
6	VNB4377174	1
7	VNB3444974	1
8	VNB4105474	2
9	VNB4366374	2
10	VNB1194874	1
11	VNB1181374	1
12	VNB4105674	2
13	VNB4377474	2
14	VNB4377574	2
18	VNB2822600	1

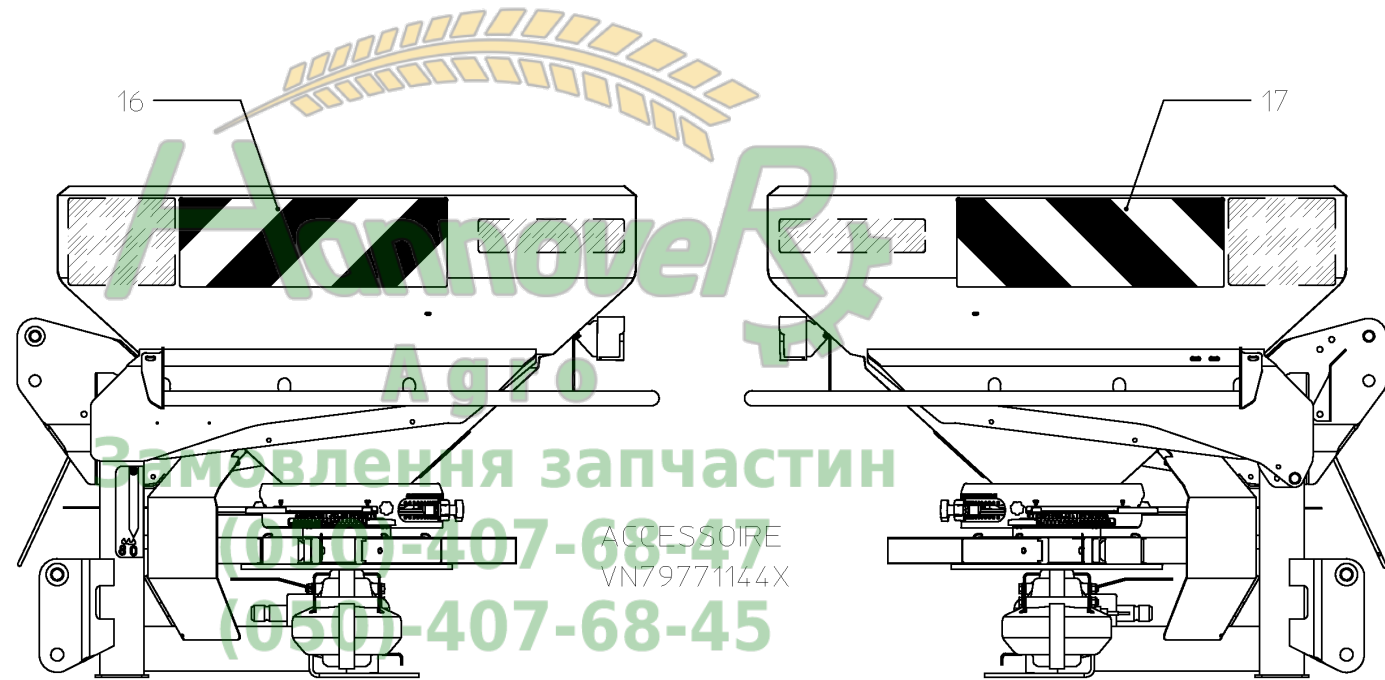


ROXL_VN20702_C11

RO-XL / DECAL SCHEMATIC



PosNo.	Part No.	Qty.
16	VNB4377474	1
17	VNB4377574	1

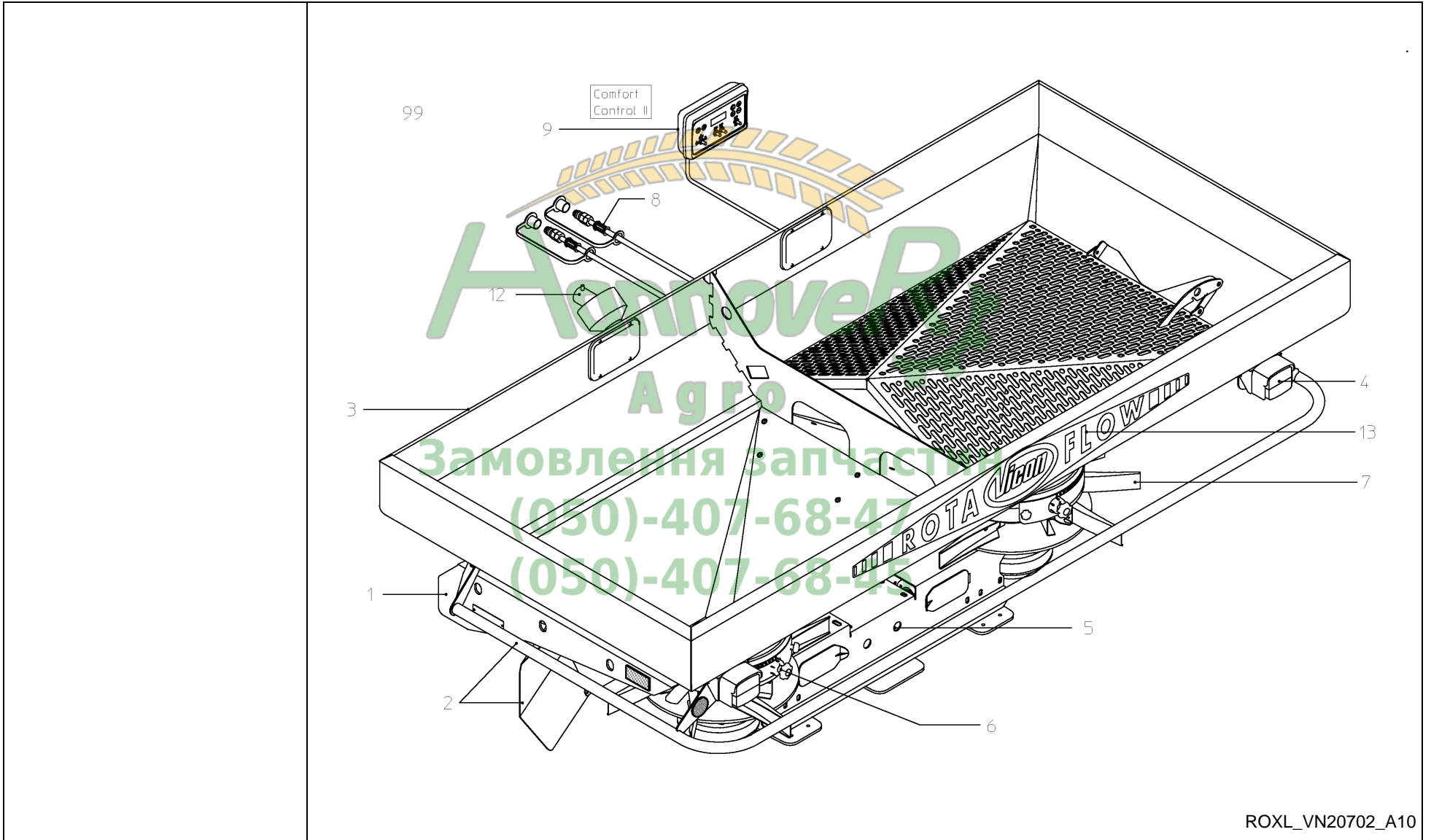


ROXL_VN20702_C12

RO-XL / ACCESSORIES



PosNo. Part No. Qty.

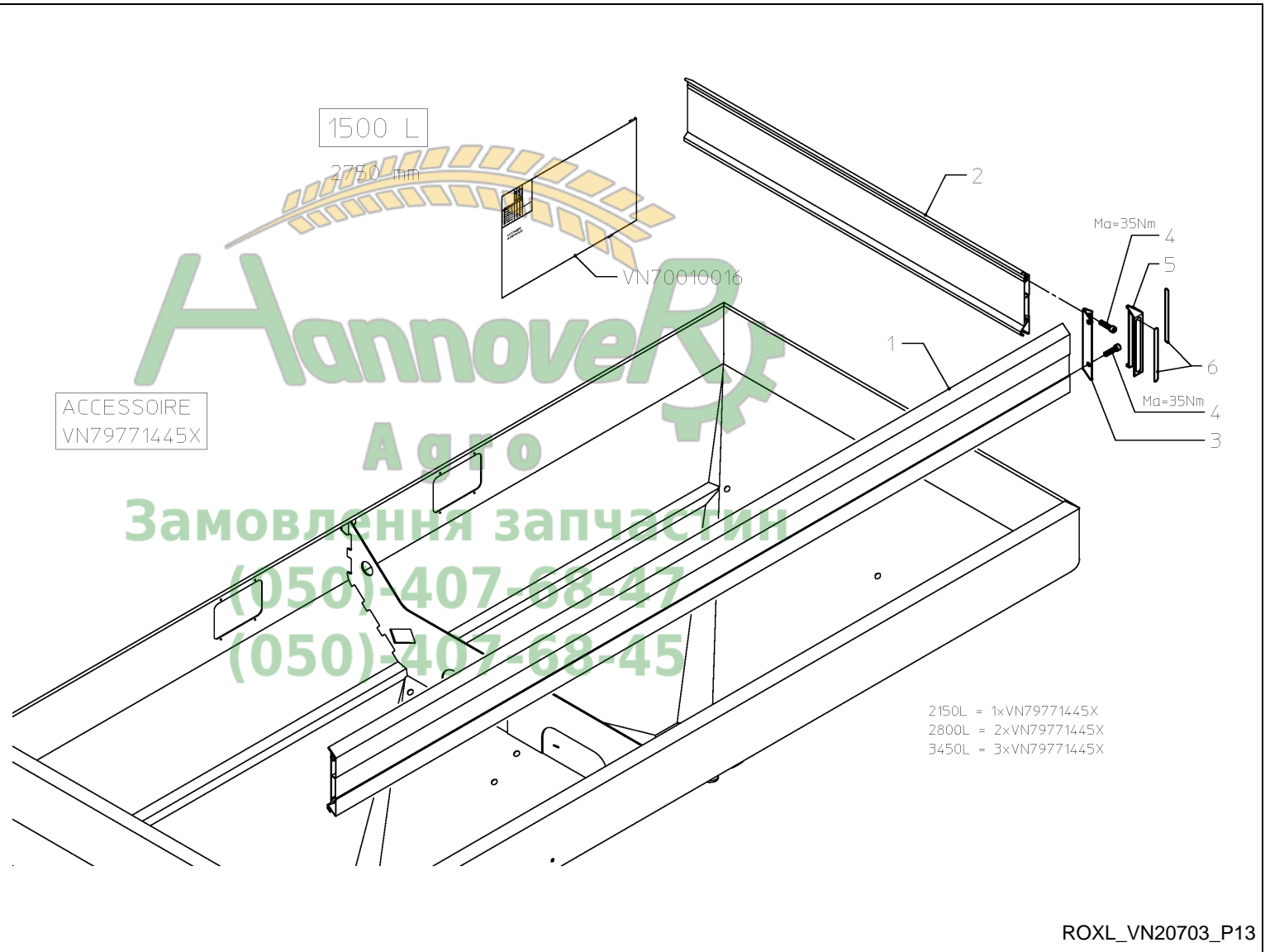


ROXL_VN20702_A10

RO-XL / HOPPER EXTENSION (1500 L)



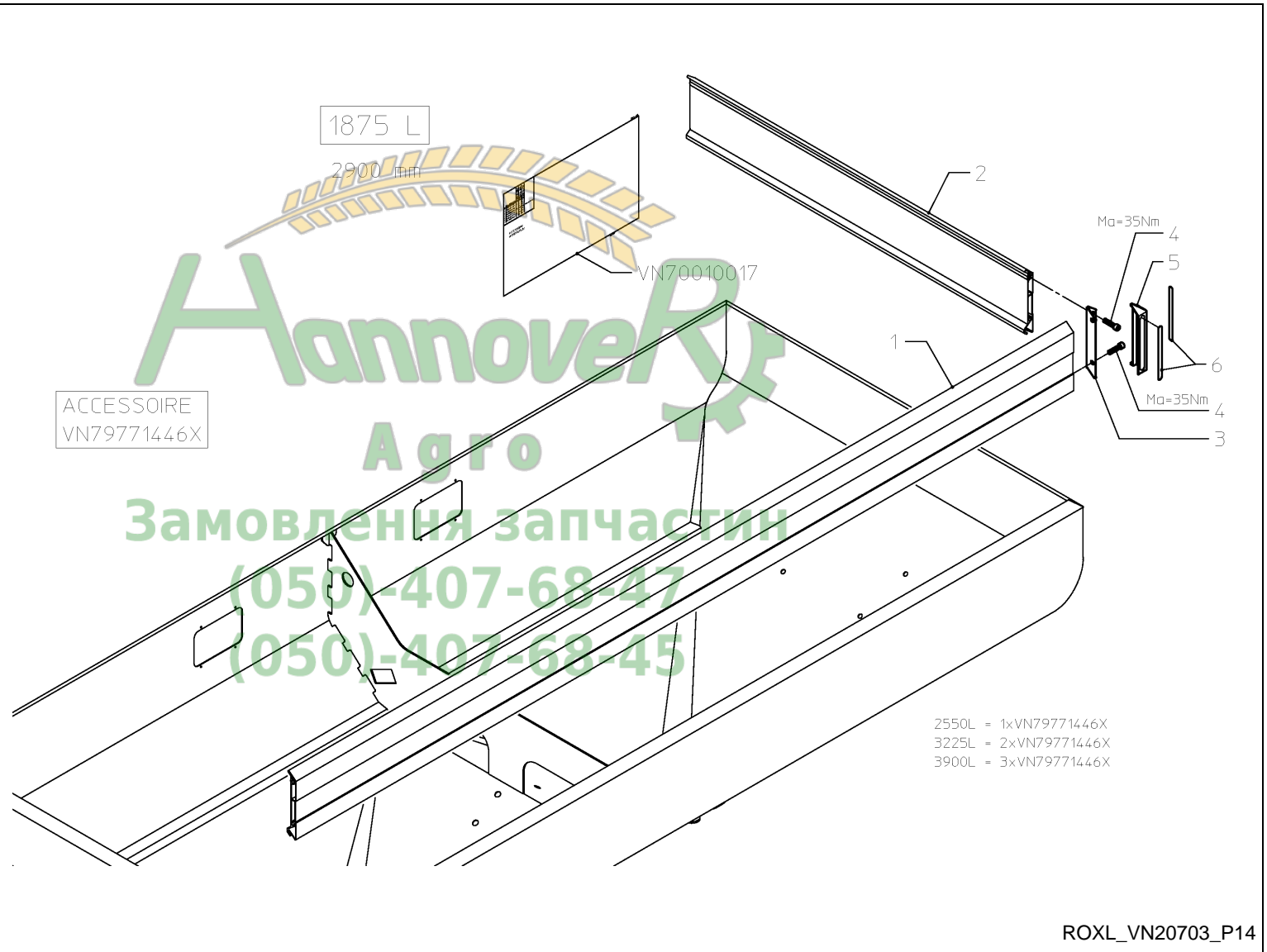
PosNo.	Part No.	Qty.
1	VNB4675602	2
2	VNB4675502	2
3	VNB3984186	4
4	VNB4218178	16
5	VNB4014778	4
6	VNB4053474	8



RO-XL / HOPPER EXTENSION (1875 L)



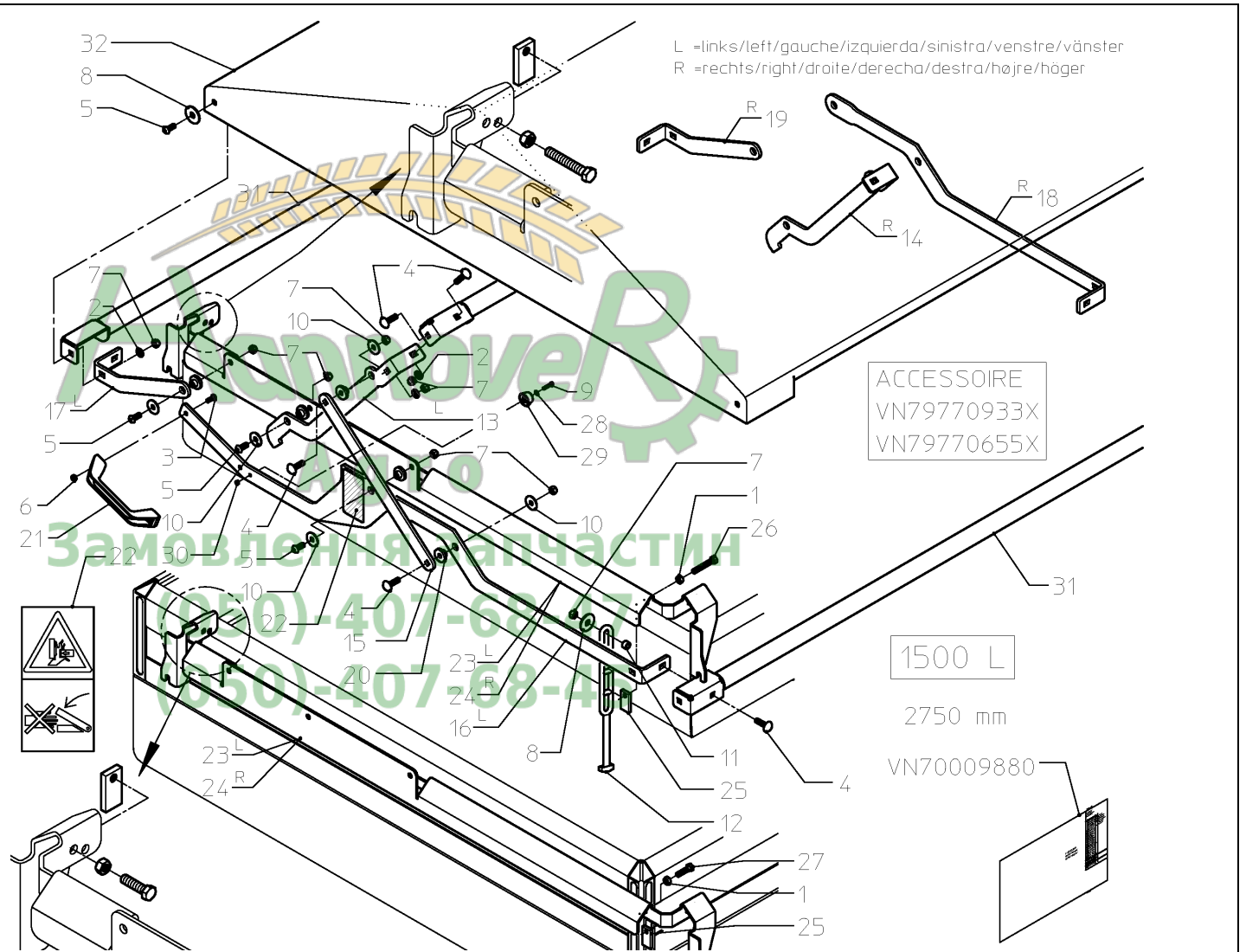
PosNo.	Part No.	Qty.
1	VNB4675702	2
2	VNB4675502	2
3	VNB3984186	4
4	VNB4218178	16
5	VNB4014778	4
6	VNB4053474	8



RO-XL / TARPAULIN (1500 L)



PosNo.	Part No.	Qty.
1	KG01053700	8
2	KG01263900	8
3	KG00738100	2
4	KG00652900	12
5	KG00739600	10
6	KG01053500	2
7	KG01069900	22
8	KG01901500	8
9	KG00712600	1
10	KG01901400	10
11	VNB2092402	4
12	VNB3443478	4
13	VNB3602694	1
14	VNB3602794	1
15	VNB3603194	2
16	VNB4306994	1
17	VNB3603394	1
18	VNB3708094	1
19	VNB3603594	1
20	VNB4487278	10
21	RG00040217	1
22	VGTR2059	1
23	VNB4306794	1
24	VNB4306894	1
25	VNB4309102	8
26	KG00497600	8
27	KG00497200	8
28	KG01263600	1
29	VNB3447178	1
30	KG01069600	1
31	VNB3707494	3
32	VNB4079778	1

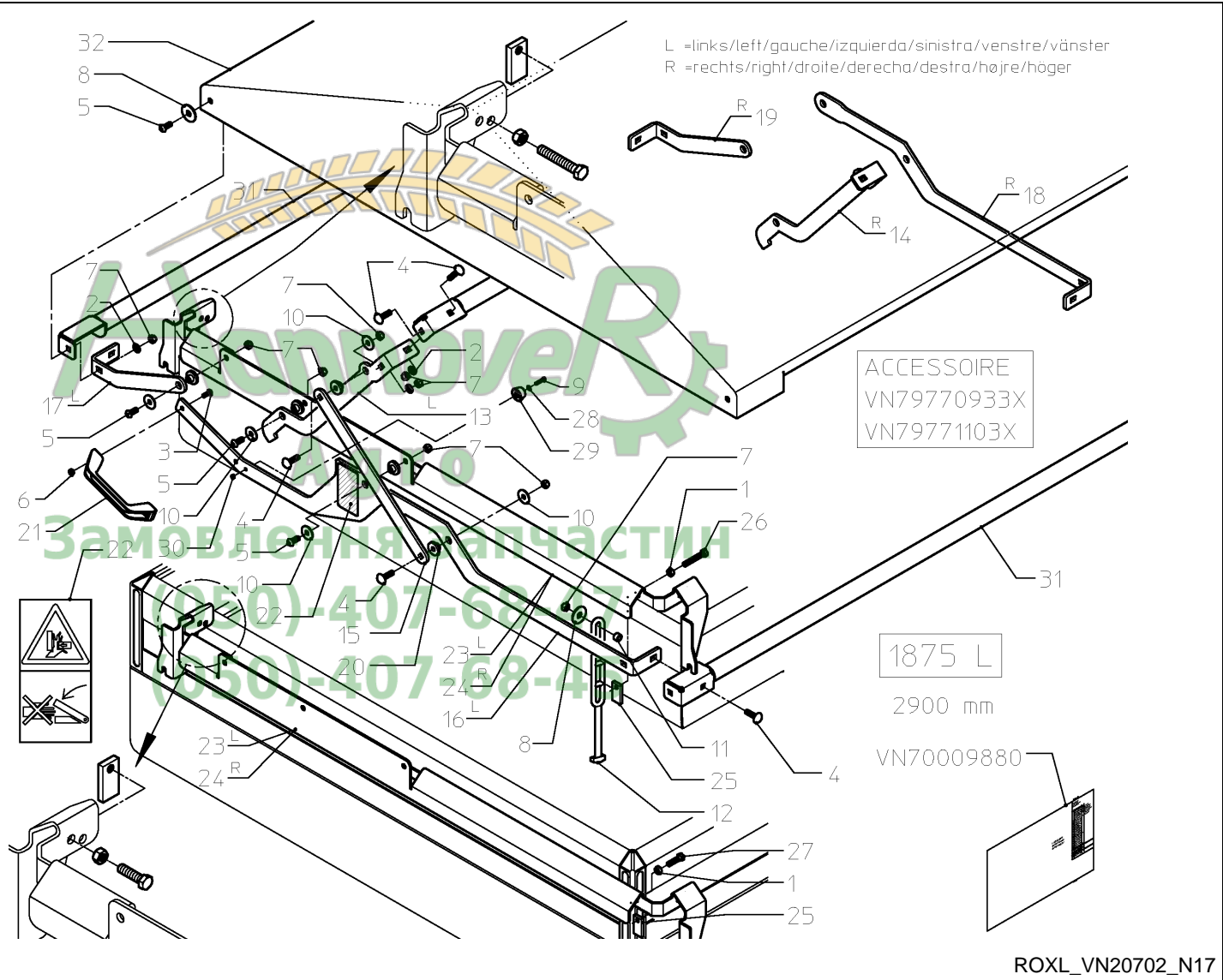


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RO-XL / TARPAULIN (1875 L)



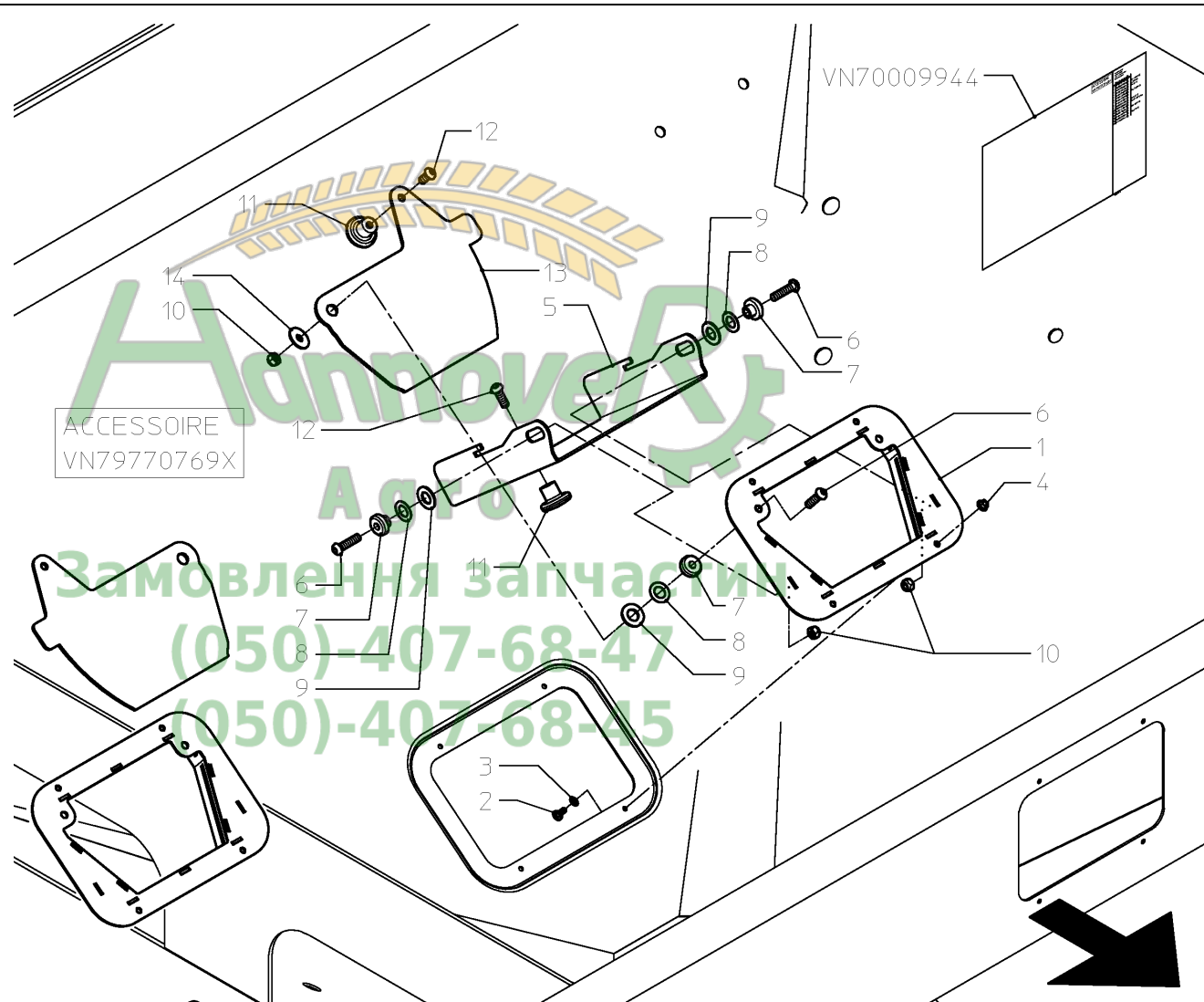
PosNo.	Part No.	Qty.
1	KG01053700	8
2	KG01263900	8
3	KG00738100	2
4	KG00652900	12
5	KG00739600	10
6	KG01053500	2
7	KG01069900	22
8	KG01901500	8
9	KG00712600	1
10	KG01901400	10
11	VNB2092402	4
12	VNB3443478	4
13	VNB3602694	1
14	VNB3602794	1
15	VNB3603194	2
16	VNB4306994	1
17	VNB3603394	1
18	VNB3708094	1
19	VNB3603594	1
20	VNB4487278	10
21	RG00040217	1
22	VGTR2059	1
23	VNB4306794	1
24	VNB4306894	1
25	VNB4309102	8
26	KG00497600	8
27	KG00497200	8
28	KG01263600	1
29	VNB3447178	1
30	KG01069600	1
31	VNB4373494	3
32	VNB4283878	1



RO-XL / HOPPER EMPTYING SET



PosNo.	Part No.	Qty.
1	VNB4407802	2
2	KG00679900	8
3	KG01263600	8
4	VN30105400	8
5	VNB4408202	2
6	KG00738300	6
7	VNB4423502	6
8	VNB4451002	6
9	KG01264000	6
10	KG01069800	6
11	VNB4334578	4
12	KG00738100	4
13	VNB4408302	2
14	KG01901300	2



ACCESSOIRE
VN79770769X

VN70009944

Аграрне
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ROXL_VN20702_N18

RO-XL / SCOOP SET



PosNo.	Part No.	Qty.
1	VNB1082102	12
2	VNB4769365	12



АннаовеАгро
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SPM\N000331

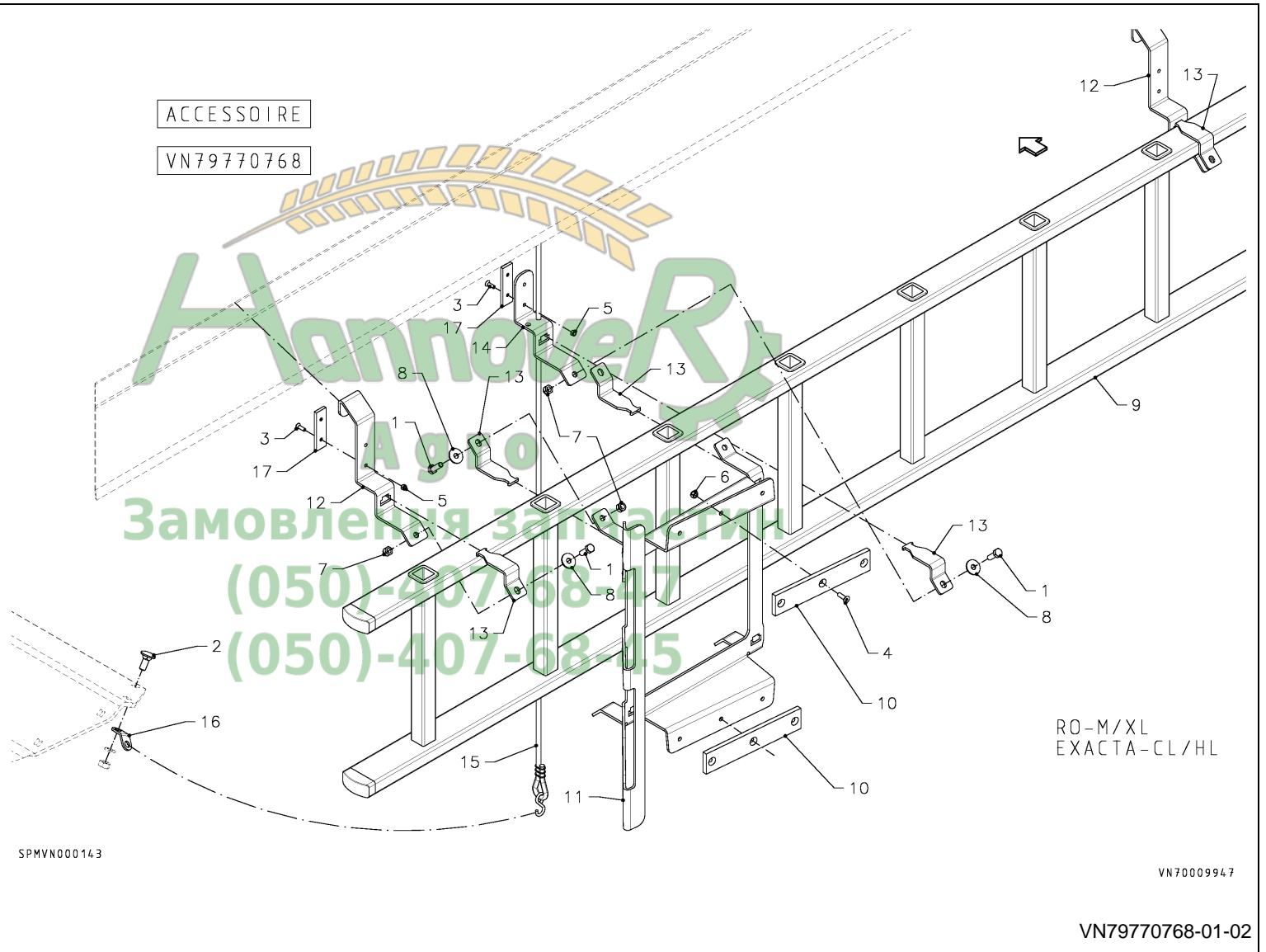
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RO-XL / LADDERSET



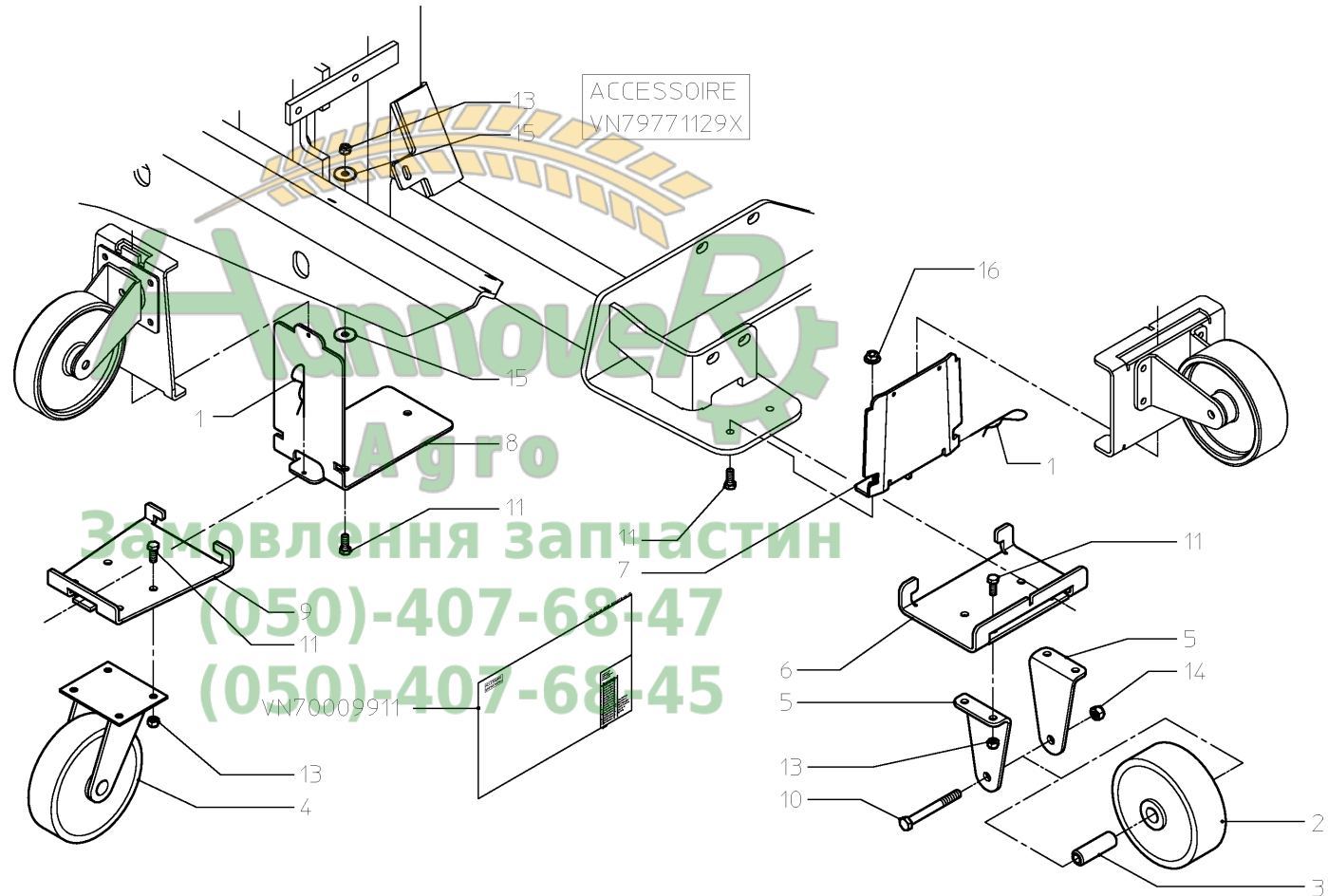
PosNo.	Part No.	Qty.
1	KG00497100	7
2	KG00654400	1
3	KG00868600	6
4	KG00870200	6
5	KG01069700	6
6	KG01069800	6
7	KG01069900	7
8	KG01901400	7
9	VNB4442278	1
10	VNB4450578	2
11	VNB4451194	1
12	VNB4451294	2
13	VNB4451394	7
14	VNB4451494	1
15	VNB4451978	1
16	VNB4473502	1
17	VNB4743378	3



RO-XL / WHEELSET



PosNo.	Part No.	Qty.
1	VNB0765393	4
2	VNB1380878	2
3	VNB1402486	2
4	VNB1907978	2
5	VNB3770294	4
6	VNB3843994	2
7	VNB4376594	2
8	VNB3876594	2
9	VNB3876694	2
10	KG00397100	2
11	KG00496900	26
13	KG01069900	22
14	KG01070000	2
15	KG01901400	12
16	KG01059700	4

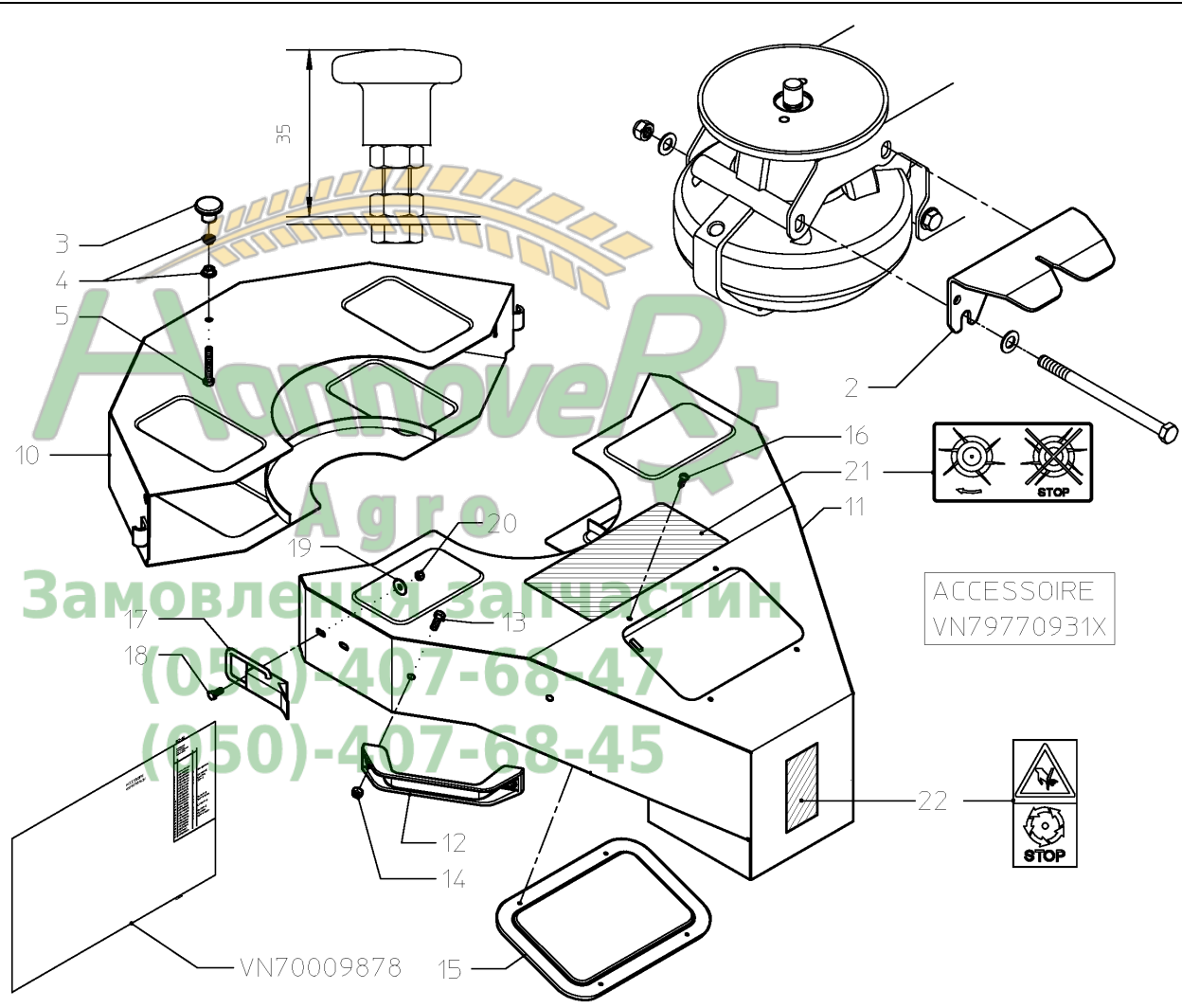


ROXL_VN20702_N20

RO-XL / CALIBRATION CONTAINER



PosNo.	Part No.	Qty.
2	VNB4332994	1
3	VNB4334578	1
4	KG01059600	2
5	KG00495300	1
10	VNB4332194	1
11	VNB4332094	1
12	RG00040217	2
13	KG00495100	4
14	KG01069800	4
15	VNB2760978	1
16	VN30143310	4
17	VNB1100802	2
18	KG00493700	4
19	KG01901200	4
20	KG01069700	4
21	VNB3708174	1
22	VGTR2023	1

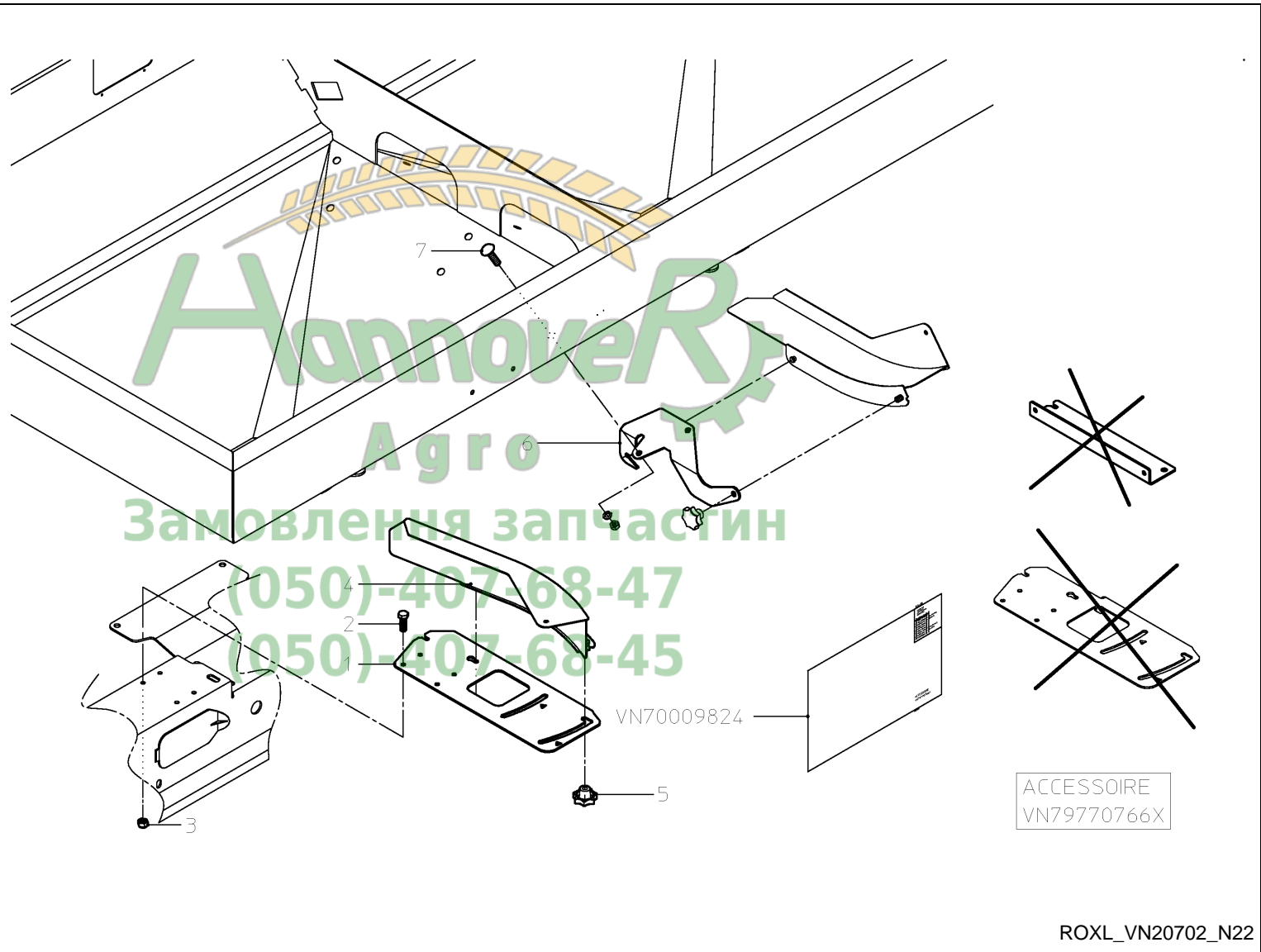


ROXL_VN20702_N21

RO-XL / BOUNDARY SPREADING PLATE



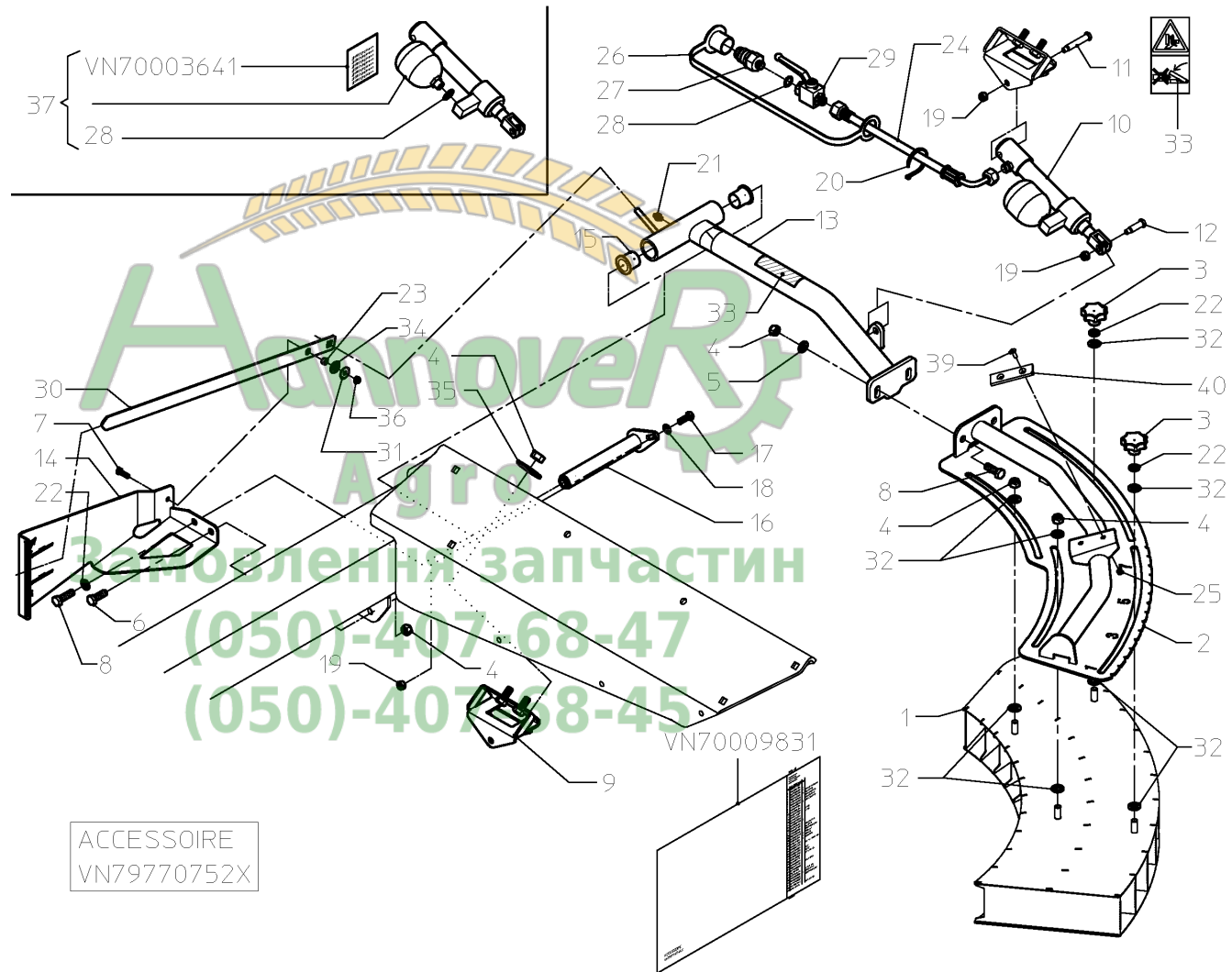
PosNo.	Part No.	Qty.
1	VNB3428494	1
2	KG00496900	4
3	KG01059700	4
4	VNB3428094	1
5	VN17856588	1
6	VNB3428594	1
7	KG00654400	2



RO-XL / TRIMFLOW



PosNo.	Part No.	Qty.
1	VNB4580502	1
2	VNB4482694	1
3	VN17856588	2
4	KG01070000	7
5	KG01264000	2
6	KG00498700	1
7	KG00495200	1
8	KG00498800	3
9	VNB4372394	1
10	VNB4008194	1
11	VNB4808802	1
12	VNB4808502	1
13	VNB4011494	1
14	VNB4288302	1
15	VNB3085978	2
16	VNB3913093	1
17	KG00497100	1
18	KG01263900	1
19	KG01069900	3
20	VN80504003	5
21	VN30130800	1
22	VN30117100	3
23	VNB2003302	1
24	VNB4297478	1
25	KG01069700	2
26	VN38854581	1
27	RG00048610	1
28	VN31419900	2
29	VN90007711	1
30	VNB4288402	1
31	KG01901300	1
32	VNB4769578	8
33	VGTR2059	1
34	VNB4239578	1
35	KG01901500	2
36	KG01069800	1
37	VN79771437	1
39	KG00868600	2
40	VNB4743378	1



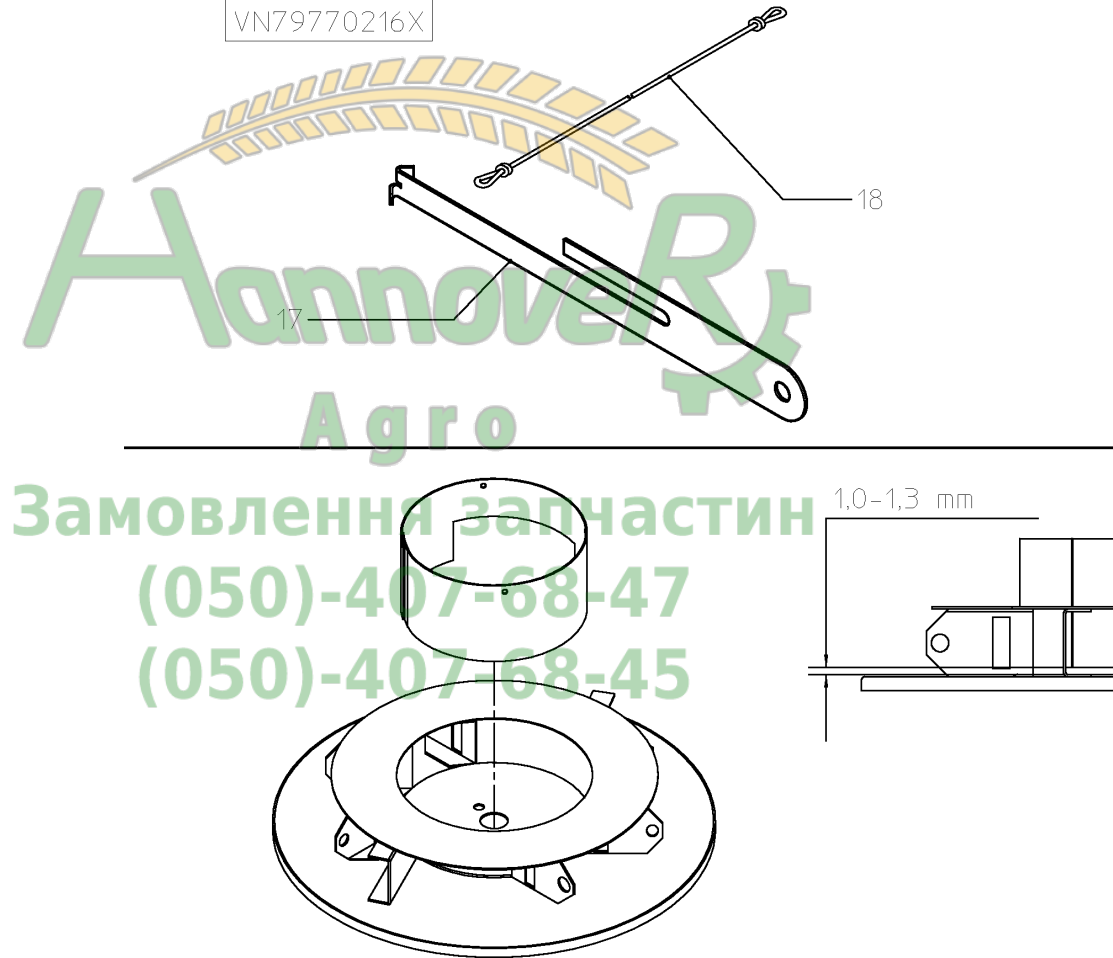
ROXL_VN20703_P23

RO-XL / FEELER GAUGE



PosNo.	Part No.	Qty.
17	VNB1709302	1
18	VNB1754278	1

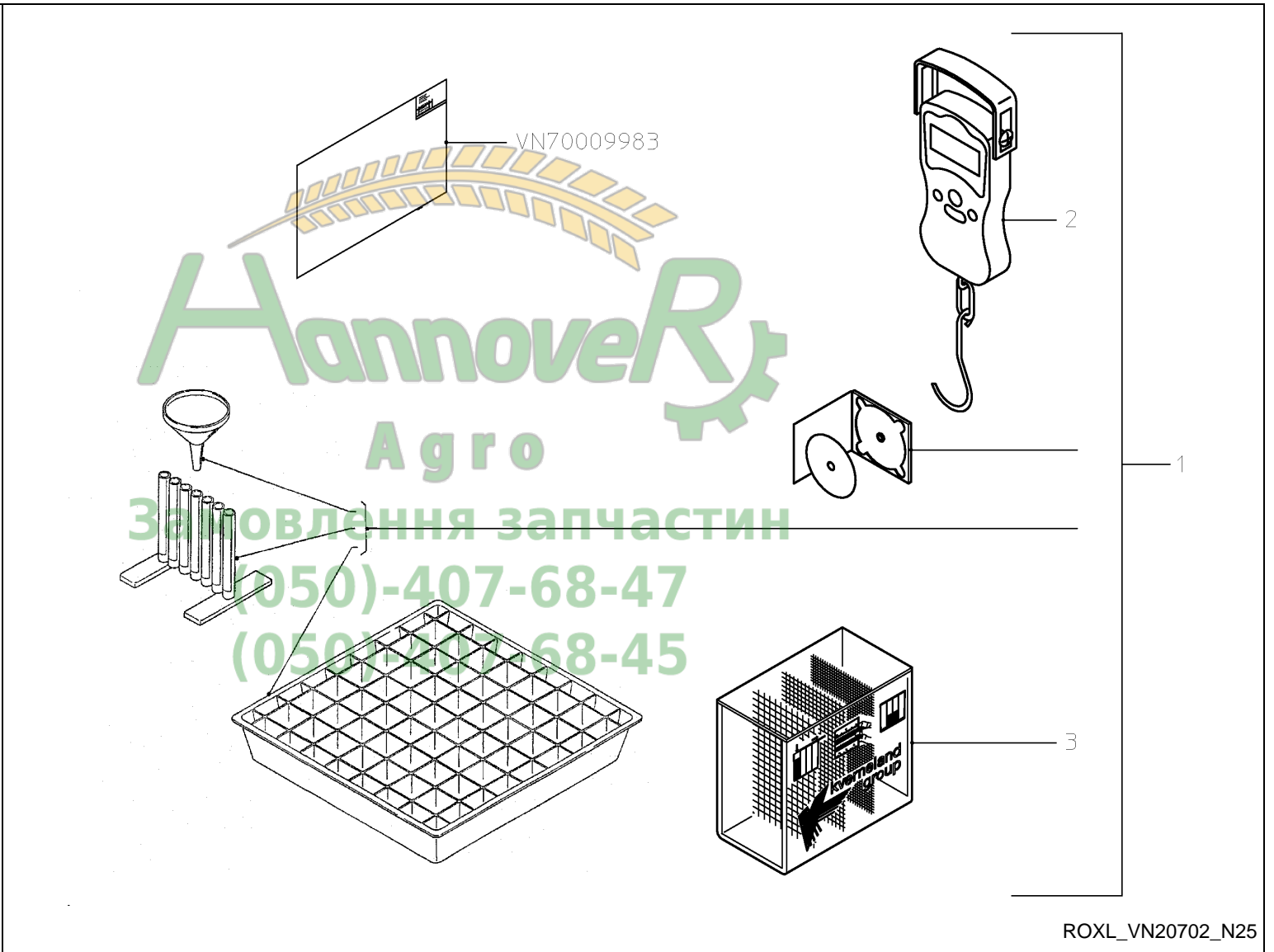
ACCESSOIRE
VN79770216X



RO-XL / SPREADING PATTERN CONTROLSET



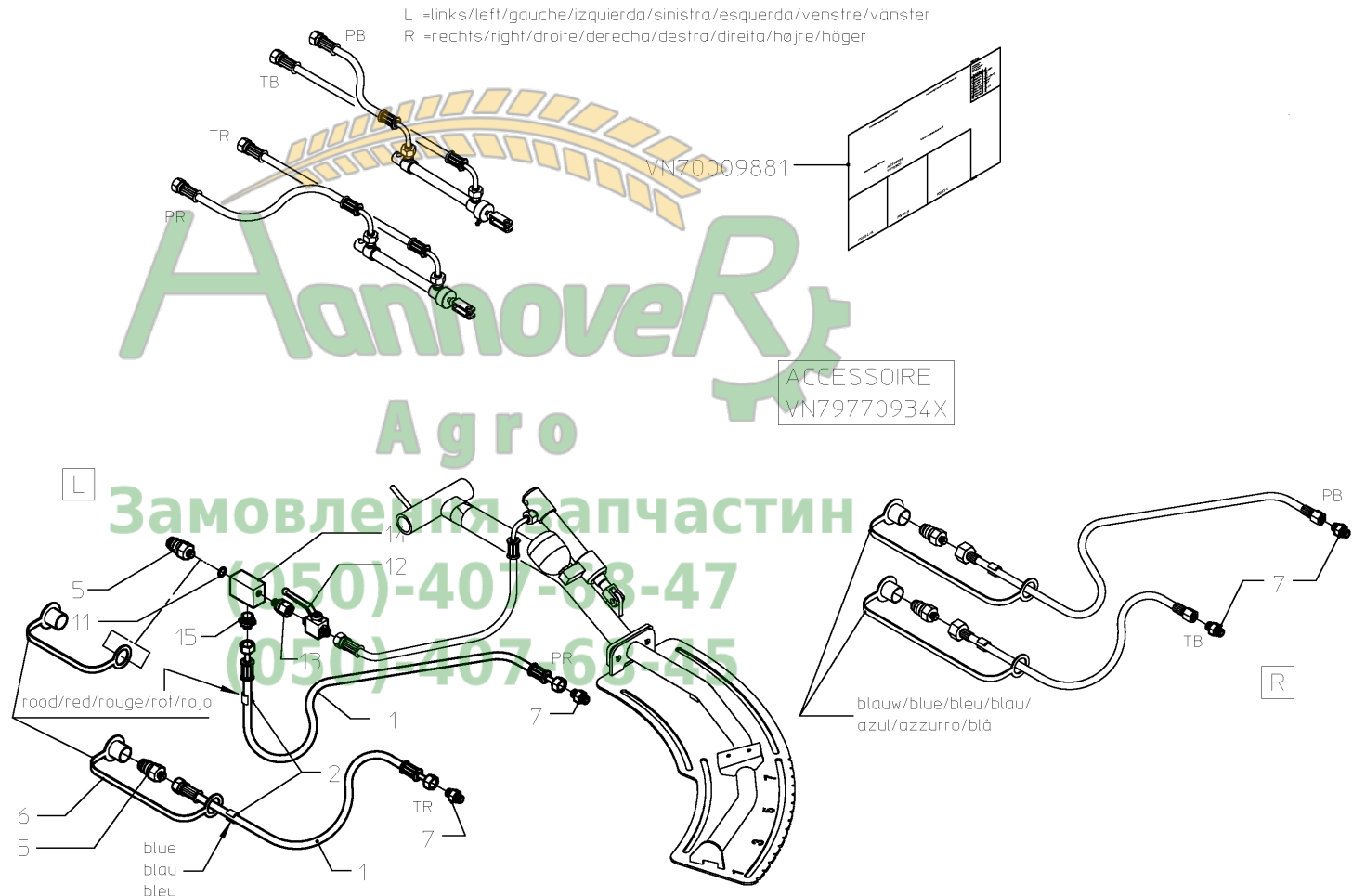
PosNo.	Part No.	Qty.
1	VN79771400	1
2	AC353924	1
3	VN79771219	1



ROXL_VN20702_N25

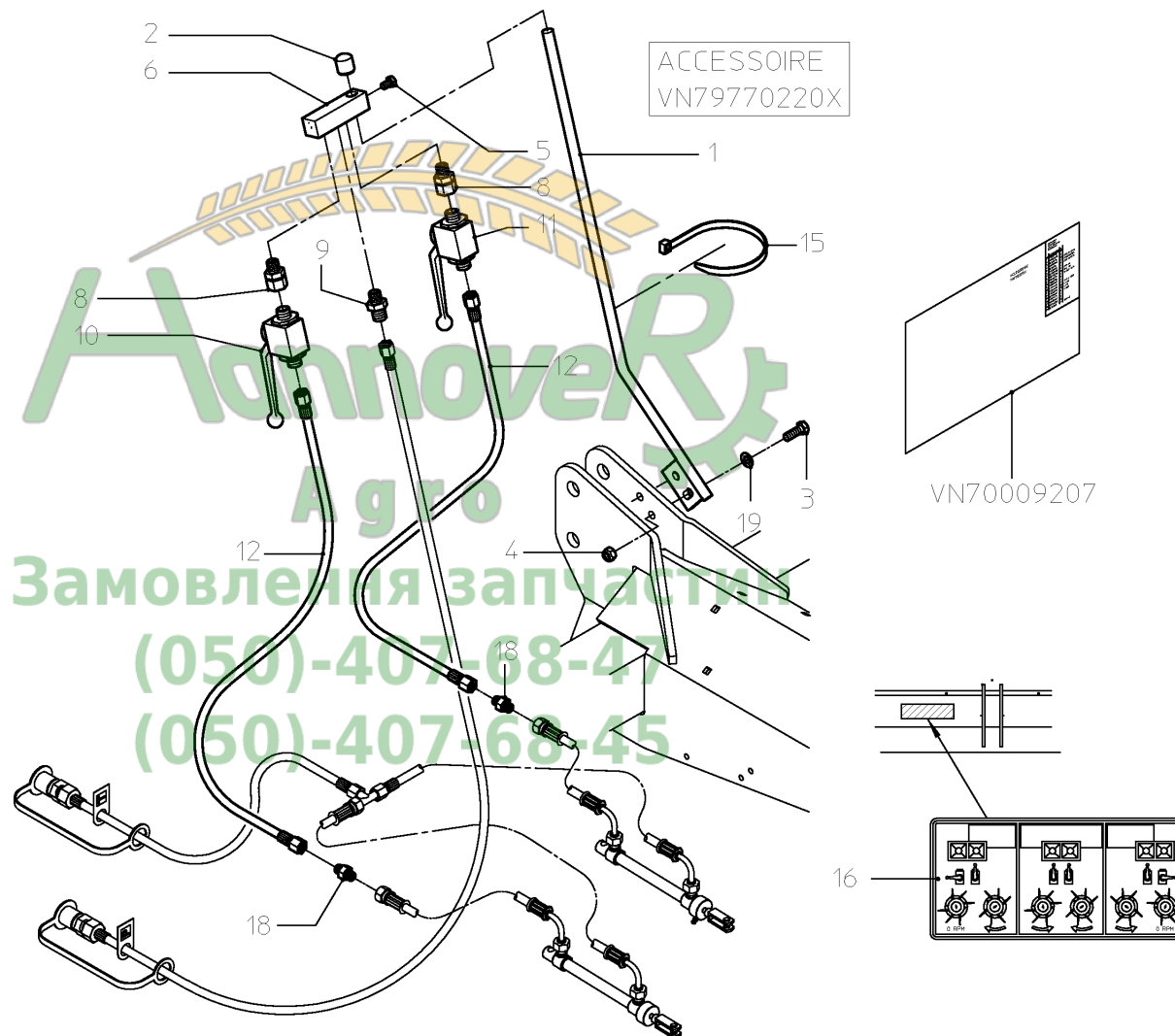
RO-XL / HOSE SET

PosNo.	Part No.	Qty.
1	VNB4253278	2
2	AC351803	1
5	RG00048610	2
6	VN38854586	2
7	VNB4297802	4
11	VN31419900	2
12	VN17895704	1
13	VN38820225	1
14	VNB3083893	1
15	VNB1306893	1



RO-XL / 2X2 DIRECTION TAP SET

PosNo.	Part No.	Qty.
1	VNB1840194	1
2	VNB0854378	1
3	KG00501000	2
4	VN30598012	2
5	KG00498500	1
6	VNB1308693	1
8	VN38820225	2
9	VN38820194	1
10	VN17895704	1
11	VN17895703	1
12	VNB4297378	2
15	VN80504001	4
16	VNB1727574	1
18	VNB4297802	2
19	KG01264100	2

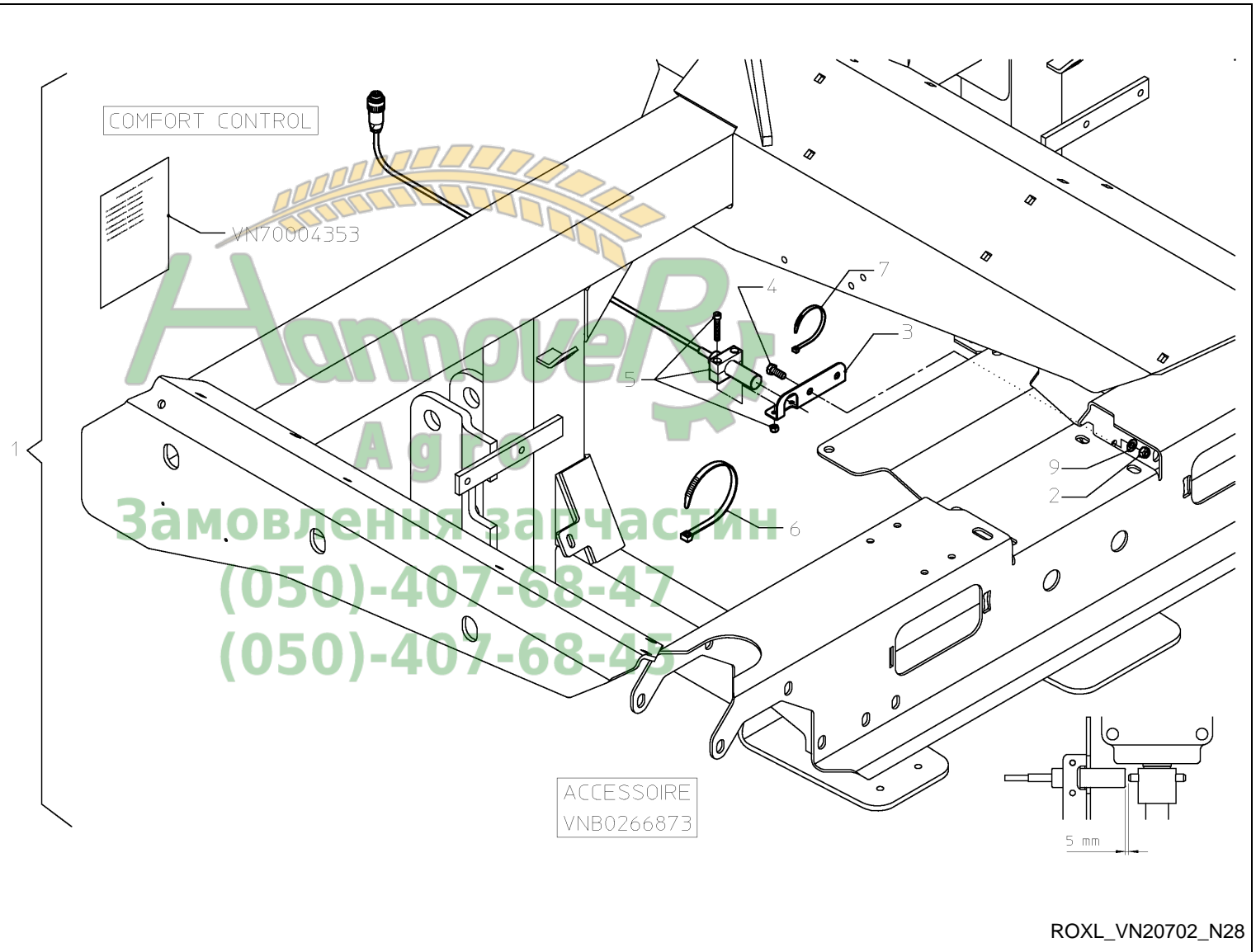


ROXL_VN20702_N27

RO-XL / SPREADING DISC RPM SENSOR SET



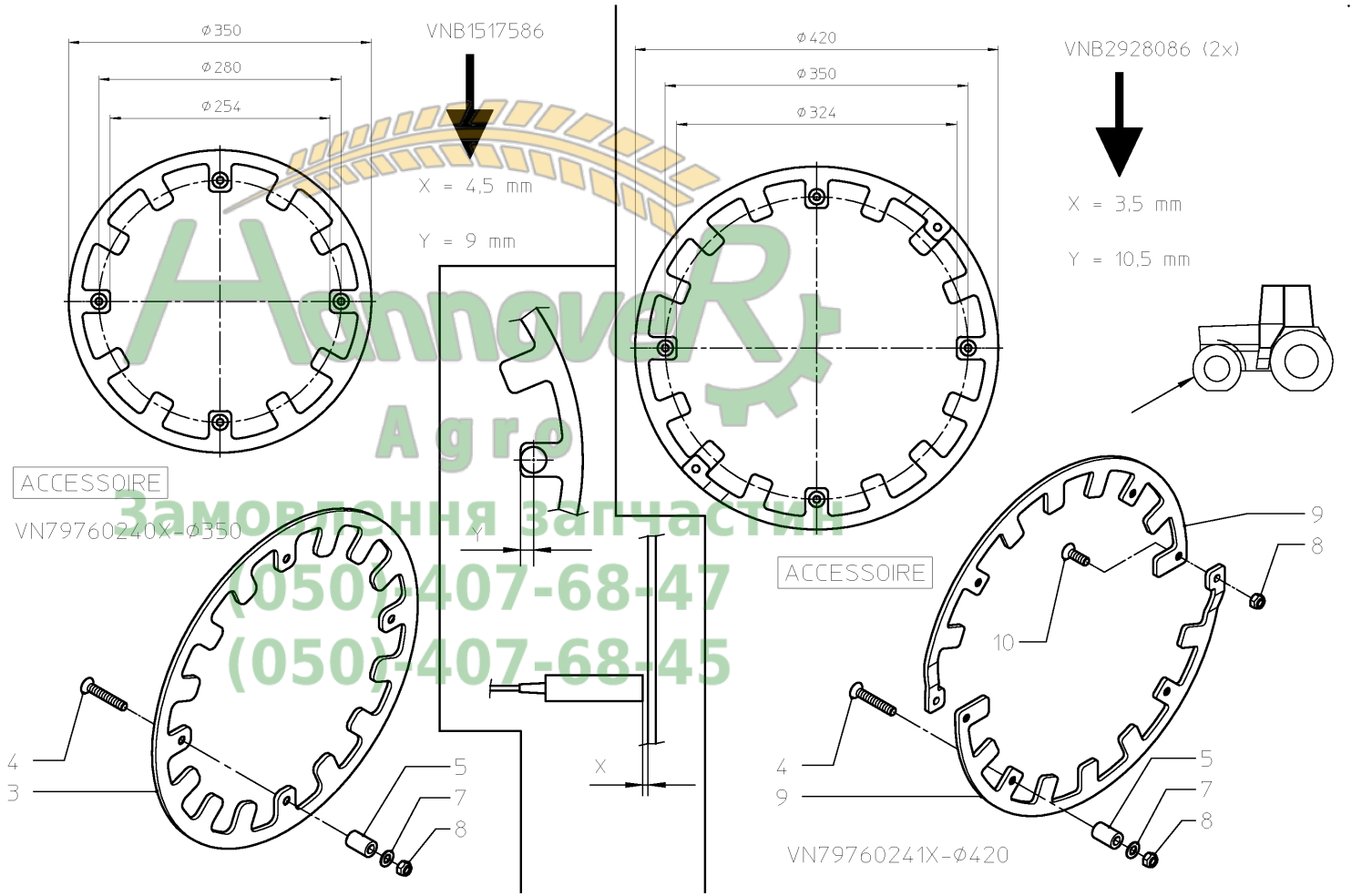
PosNo.	Part No.	Qty.
1	VNB0266873	1
2	KG01069900	2
3	VNB4256202	1
4	KG00496900	2
5	VN31903304	1
6	VN80504001	3
7	VN80504003	3
9	KG01263900	2



RO-XL / WHEELRINGS

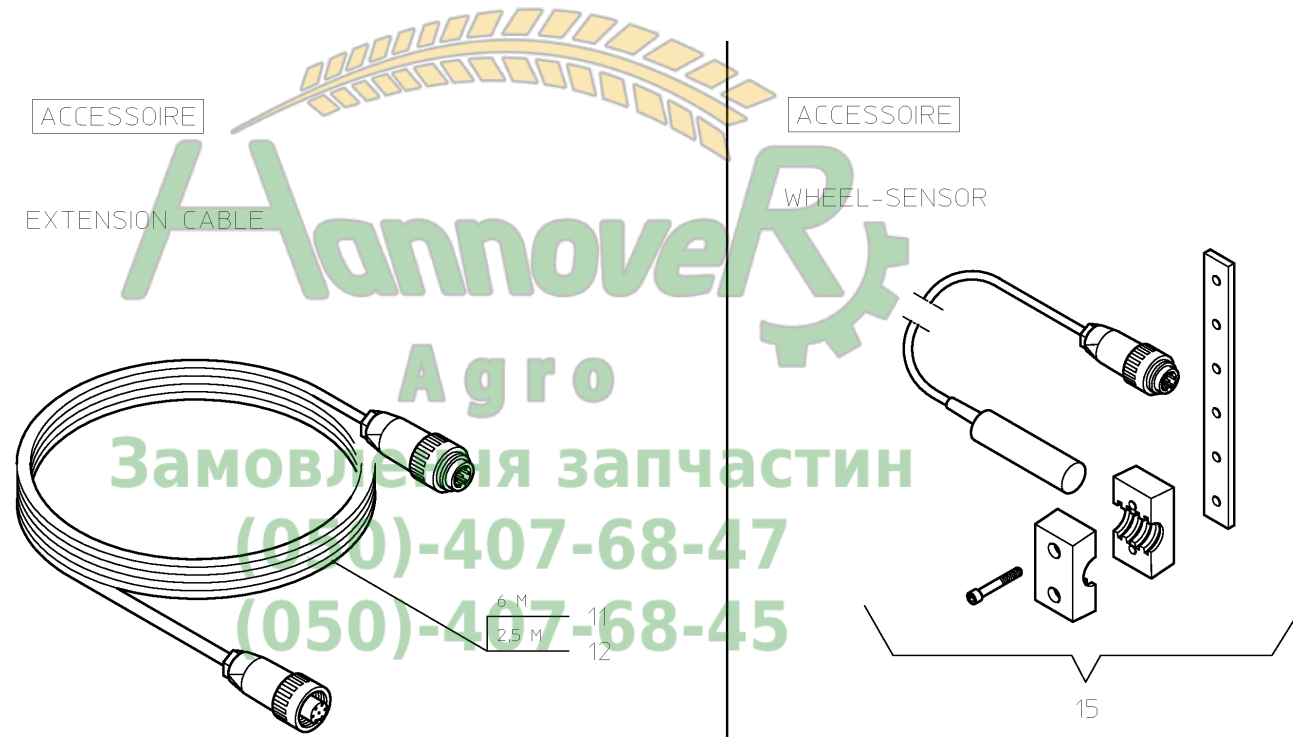


PosNo.	Part No.	Qty.
3	VNB1517586	1
4	KG00872200	4
5	VNB1153493	4
7	KG01263900	4
8	KG01069900	4
9	VNB2928086	2
10	KG00871700	2



RO-XL / SENSORS AND CABLES

PosNo.	Part No.	Qty.
11	VNB0304073	1
12	VNB0326573	1
15	VNB0430273	1



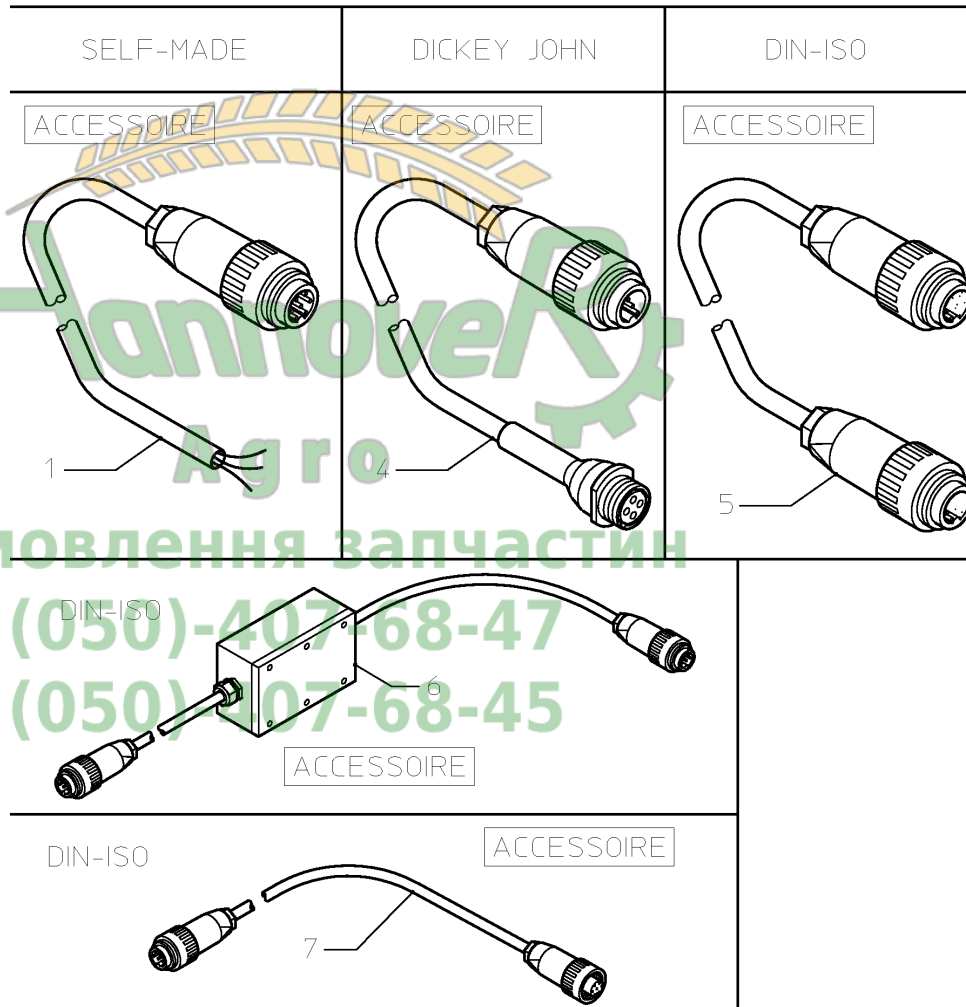
Hannover
 Agro
 Заповнення запчастин
 (050)-407-68-47
 (050)-407-68-45

RO-XL / RADARCABLES



PosNo.	Part No.	Qty.
1	VNB0303973	1
4	VNB0305973	1
5	VNB0386773	1
6	VNB0540173	1
7	VNB0391073	1

CABLE FOR RADAR SENSOR TRACTOR



Антонов
Агро
Замовлення запчастин
(050)-407-68-47
(050)-407-68-45

ROXL_VN20702_N31

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AC351803	10	14	KG00499500	8	11	KG00870000	8	27	KG01069900	1	16
AC351803	30	2	KG00500900	1	6	KG00870200	8	9	KG01069900	3	4
AC353924	29	2	KG00501000	2	6	KG00870200	23	4	KG01069900	4	20
KG00397100	24	10	KG00501000	31	3	KG00871700	33	10	KG01069900	5	20
KG00399400	7	19	KG00501100	1	10	KG00872200	33	4	KG01069900	7	14
KG00399800	7	7	KG00562400	8	25	KG00945900	12	4	KG01069900	9	12
KG00493700	25	18	KG00565700	9	11	KG01044900	8	14	KG01069900	10	5
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KG00495200	27	7	KG00654400	23	2	KG01053700	20	1	KG01069900	24	13
KG00495300	25	5	KG00654400	26	7	KG01053800	4	9	KG01069900	27	19
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KG01263900	27	18	KG01901500	19	8	VN17856588	27	3	VN48101007	6	3
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KG01264000	21	9	RG00048610	10	16	VN30117100	8	12	VN80504001	6	11
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KG01264100	2	9	RG00048610	30	5	VN30128821	1	14	VN80504001	12	11
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KG01283000	8	33	VG10.49.00	13	27	VN30130800	27	21	VN80504003	27	20
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KG01421400	8	21	VG365305	13	53	VN30143310	5	13	VN90007711	27	29
KG01901100	10	35	VG56.117.19	13	13	VN30143310	25	16	VNB0266873	32	1
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VNB4239578	10	32	VNB4306994	19	16	VNB4408202	21	5	VNB4743378	23	17
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VNB4297378	31	12	VNB4377174	14	6	VNB4630594	2	11			

AANHAALMOMENTEN / TORQUES / ANZUGSMOMENTE / COUPLES DE SERRAGE / PARES DE APRIETE / MOMENTI DI TORSIONE / BINÁRIOS DE APERTO / TILSTRAMMINGSMOMENTER / TILSPÆNDINGSMOMENTER

NL Richtlijnen voor aanhaalmomenten (in Nm) voor zelfborgende moeren, zeskantbouten en moeren.
DE Richtlinien für Anzugsmomente (in Nm) für selbstsichernde Muttern, Sechskantschrauben und -mutter.
ES Directrices para los pares de apriete (en Nm) para las tuercas autoblocantes, los tornillos hexagonales y las tuercas.
IT Direttive per momenti di torsione (espressi in Nm) per dadi autobloccanti, bulloni esagonali e dadi.
NO Retningslinjer for tilstrammingsmomenter (i Nm) for selvlåsende muttere, sekskantbolter og muttere.

EN Guidelines for torques (in Nm) for self-locking nuts, hexagon bolts and nuts.
FR Directives pour les couples de serrage (en Nm) pour écrous à autobloquants, boulons à six pans et écrous.
PT Directrizes para os binários de aperto (em Nm) para porcas autobloqueadoras, parafusos hexagonais e porcas.
DA Retningslinier for tilspændingsmomenter (i Nm) for selvlåsende møtrikker, sekskantbolte og møtrikker.

Kwaliteit / Quality / Qualität / Qualité / Calidad / Qualidade / Qualità / Kvalitet	4.6		8.8		10.9		12.9	
	0,10	0,13	0,10	0,13	0,10	0,13	0,10	0,13
Wrijving / Friction / Reibung / Fricción / Atrito / Attrito / Friktion /Friksjon *								
Schroefdraad / Thread / Gewinde / Filetage Rosca / Filettatura / Gevind / Skruegjenge								
M5	1,7	2	5	6	7	9	8	10
M6	3	4	9	10	13	15	15	18
M8	8	9	21	25	31	36	36	42
M10	16	19	40	50	60	70	70	85
M12	27	32	70	85	105	120	120	145
M14	42	50	115	135	165	195	195	230
M16	65	76	175	210	260	300	300	350
M18	90	110	250	290	350	420	410	490
M20	125	150	350	420	500	600	580	700
M22	170	200	470	560	670	800	780	930
M24	210	250	600	710	860	1020	1000	1180

- * **NL** De wrijvingscoëfficiënt van 0,10 geldt voor geoliede plaat, gietijzer, geharde vlakken, vette schroefdraad, etc. De hogere waarde van 0,13 geldt voor een droge plaat. Uitzonderingen op deze tabel zijn vermeld in het onderdelen- en/of instructieboek. Aanhaalmomenten voor bouten en moeren met gekartelde onderkant, zoals Tensilock en Whizlock, 10% extra.
- * **EN** The friction coefficient of 0.10 applies to oiled sheet, cast iron, hardened surfaces, greasy thread, etc. The higher value of 0.13 applies to dry sheet. Exceptions to this table are stated in the parts- and /or instruction manual. Torques for bolts and nuts with a knurled underside, like Tensilock and Whizlock, 10% extra.
- * **DE** Der Reibungskoeffizient von 0,10 gilt für geölte Flächen, Gußeisen, gehärtete Flächen, gefettetes Gewinde usw. Der höhere Wert von 0,13 gilt für trockene Flächen. Ausnahmen zu dieser Tabelle sind im Ersatzteilhft und/oder in der Betriebsanleitung. Anzugsmomente für Schrauben und Muttern mit gerändelter Unterseite, wie Tensilock und Whizlock, zuzüglich 10% extra.
- * **FR** Le coefficient de frottement de 0,10 s'applique aux surfaces huilées, à la fonte, aux surfaces trempées, aux filetages graissés etc. Le coefficient de 0,13 aux surfaces sèches. Les exceptions à se tableau sont mentionnées dans la nomenclature des pièces et/ou dans le manuel d'emploi. Ajoutez 10% pour les boulons et écrous à partie inférieure crénelée, comme les Tensilock et les Whizlock.
- * **ES** El coeficiente de fricción de 0,10 es indicado para planchas lubricadas, hierro fundido, superficies endurecidas, rosca grasienta, etc. El valor más alto de 0,13 es para planchas secas. Las excepciones a este cuadro se mencionan en el libro de repuestos y/o manual de instrucciones. Los pares de apriete para tonillos y tuercas con cara inferior dentada, como los Tensilock y Whizlock, 10% extra.
- * **PT** O coeficiente de atrito de 0.10 aplica-se às superfícies olcadas, ao ferro fundodo, às superfícies temperadas, às roscas emassadas etc. O coeficiente de 0.13 às superfícies secas. As excepções a este quadro estão mencionadas na nomenclatura das peças e/ou no manual de instruções. Os binários de aperto para porcas e parafusos cujas bases sejam serradas (Tensilock, Whizlock) devem ser aumentados em 10%.
- * **IT** Il coefficiente di frizione pari a 0,10 si riferisce a superfici oliate, alla ghisa, a superfici temprate, a filettature spesse ecc. Il valore più alto, npari a 0,13, si riferisce a superfici asciutte. Tutte le eccezioni a quanto riportato in questa tabella, si trovano nel libretto dei pezzi o nel libretto delle istruzioni. I momenti torcenti per bulloni e dadi la cui parte inferiore è zigrinata, come i Tensilock (K 100) e Whizlock, sono superiori del 10%.
- * **DA** Friktionskoefficienten på 0,10 gælder for smurte flader, støbejern, hærkede overflader, fedtholdige gevind etc. Den højere værdi på 0,13 gælder for tørre flader. Undtagelser til tabellen er angivet i reservedels- og/eller instruktionsbog. Når det drejer sig om momenter for bolte og møtrikkers med en riflet underside, som Tensilock (K100) og Whizlock, skal der tilføjes 10% ekstra.
- * **NO** Friksjonskoeffisenten på 0,10 gjelder for smurt plate, støpejern, herdede flater, innfettete gjenger etc. Den høyere verdien på 0,13 gjelder for tørr plate. Unntak fra denne tabellen er angitt i deleboken og/eller i instruksjonsboken. Tiltrekkingsmomenter for skruer og mutre med riflet underkant, som Tensilock (K100) og Whizlock 10% tillegg.

VRIDMOMENT / MOMENTY OBROTOWE / UTAHOVACÍ MOMENTY / МОМЕНТ ЗАТЯГИВАНИЯ / PRIVIJALNI MOMENTI / MEGHÚZÁSI NYOMATÉKOK

SV Anvisningar för vridmoment (i Nm) för självläsande muttrar, sexkantiga bultar och muttrar.

CS Směrnice pro utahovací momenty (v Nm) pro samosvorné matice, šrouby a matice s šestihran hlavou

SL Navodila za privijalne (navorne) momente (v Nm) za matice in vijake.

PL Wytyczne dotyczące momentów obrotowych (w Nm) nakrętek samozabezpieczających, śrub z łbem sześciokątnym i nakrętek.

RU Указания для моментов затягивая (в Nm) для самоблокирующихся гаек, шестигранных болтов и гаек.

HU Előírt meghúzási nyomatékok (Nm-ben) az önzáró anyákhoz, hatlapfejű csavarokhoz és anyákhoz.

Kvalitet / Jakość / Jakost / Качество / Kvaliteta / Minőség	4.6		8.8		10.9		12.9	
Friktion / Tarcie / Třeni / Трение / Trenje / Súrúldás *	0,10	0,13	0,10	0,13	0,10	0,13	0,10	0,13
Gänga / Gwint / Závit / Резьба								
Navoj / Menet								
M5	1,7	2	5	6	7	9	8	10
M6	3	4	9	10	13	15	15	18
M8	8	9	21	25	31	36	36	42
M10	16	19	40	50	60	70	70	85
M12	27	32	70	85	105	120	120	145
M14	42	50	115	135	165	195	195	230
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M18	90	110	250	290	350	420	410	490
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M22	170	200	470	560	670	800	780	930
M24	210	250	600	710	860	1020	1000	1180

* **SV** Friktionskoefficienten 0,10 gäller oljad plåt, gjutjärn, härdade ytor, smorda gängor etc. Det högre värdet 0,13 gäller torr plåt. Undantag från denna tabell anges i reservdels- och/eller instruktionsboken. Åtdragningsmoment för räfflade bultar och muttrar, som Tensilock och Whizlock 10% extra.

* **PL** Współczynnik tarcia 0,10 dotyczy płyty oliwonej, żeliwa, powierzchni hartowanych, nasmarowanych gwintów, itp. Wyższy współczynnik 0,13 dotyczy płyty suchej. Wyjątki od niniejszej tabeli podano w katalogu części i/lub instrukcji. Momenty obrotowe zwiększają się o dodatkowe 10% w przypadku śrub i nakrętek z radełkowanym spodem, jak na przykład, Tensilock (K100) o Whizlock.

* **CS** Koeficient třeni 0.10 platí pro naolejovaný plech, litinu, kalené povrchy, namazaný závit a tak dále. Vyšší hodnota 0.13 platí pro suchý plech. Výjimky z této tabulky jsou uvedeny v seznamu náhradních dílů a/nebo v provozním návodu. Utahovací momenty pro šrouby a matice s rýhovanou spodní stranou 10% navíc, jako např. Tensilock (K100), Whizlock.

* **RU** Коэффициент трения в 0,10 относится к смазанным плитам, чугуны, затвердевшим поверхностям резьбе с нанесенной смазкой и т.д. Более высокое значение в 0,13 относится к сухим плитам. Исключения для данной таблицы указаны в брошюре с описанием рабочих деталей и/или инструкции по эксплуатации. Моменты затягивания для болтов и гаек с зазубренной стороной выше на 10% для таких как, Tensilock (k 100) и Whizlock.

* **SL** Koeficient trenja 0,10 velja za naoljene površine, litino, kovane površine, namazane navoje itd. Višja vrednost 0,13 velja za suhe površine. Izjeme v tej tabeli so v zvezku rezervnih delov ali pa v navodilu o uporabi navedene. Navornim momentom za vijake in matice z naribano spodnjo površino, kot so Tensilock (K100) in Whizlock, dodamo 10%.

* **HU** A 0,10 súrlódási tényező az olajozott lemezekre, öntöttvasra, edzett felületekre, zsírozott menetre, stb alkalmazható. A 0,13 asmagasabb érték a száraz lemezekre alkalmazható. E táblázat alól kivételt képező tételek az alkatrészeknél és/vagy a gépkönyvekben vannak felsorolva. A meghúzási nyomaték az alsó peremen bordázott csavarok és anyák esetében 10%-kal nagyobb, pl. Tensilock (K100) és Whizlock.



RO-XL

01987 < Mach. ID <=

Kverneland Group Nieuw-Venep
Kverneland Group Nieuw-Venep BV
Hoofdweg 1278
2153 LR Nieuw-Venep
Netherlands
+31 252 662244
+31 252 662173



Замовлення запчастин

(050)-407-68-47

(050)-407-68-45

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