



Агро
Замовлення запчастин
RO-M GEO
(050)-407-68-47
(050)-407-68-45

Spare Parts Manual

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Language:	EN
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Prod. Series nr (from):	VN25700
01001 < Mach. ID <=	



Замовлення запчастин

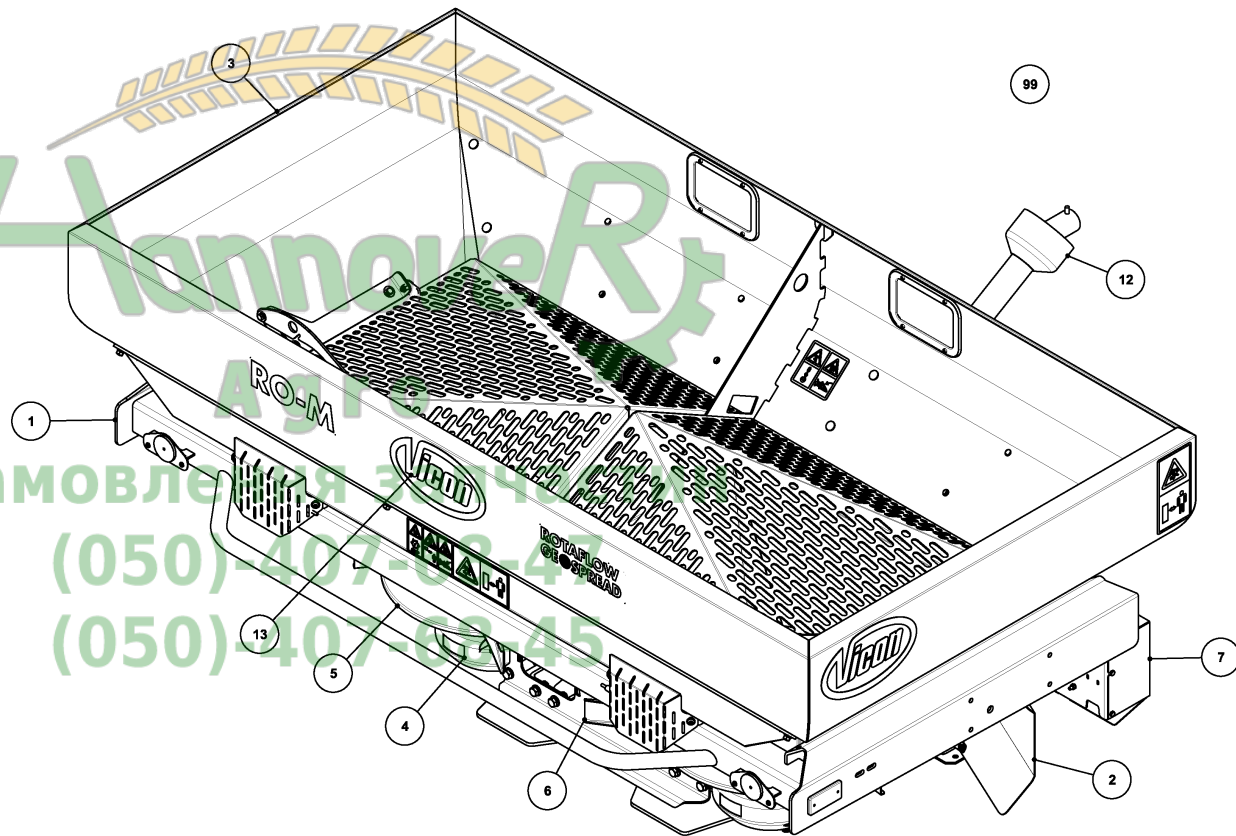
(050)-407-68-47

(050)-407-68-45



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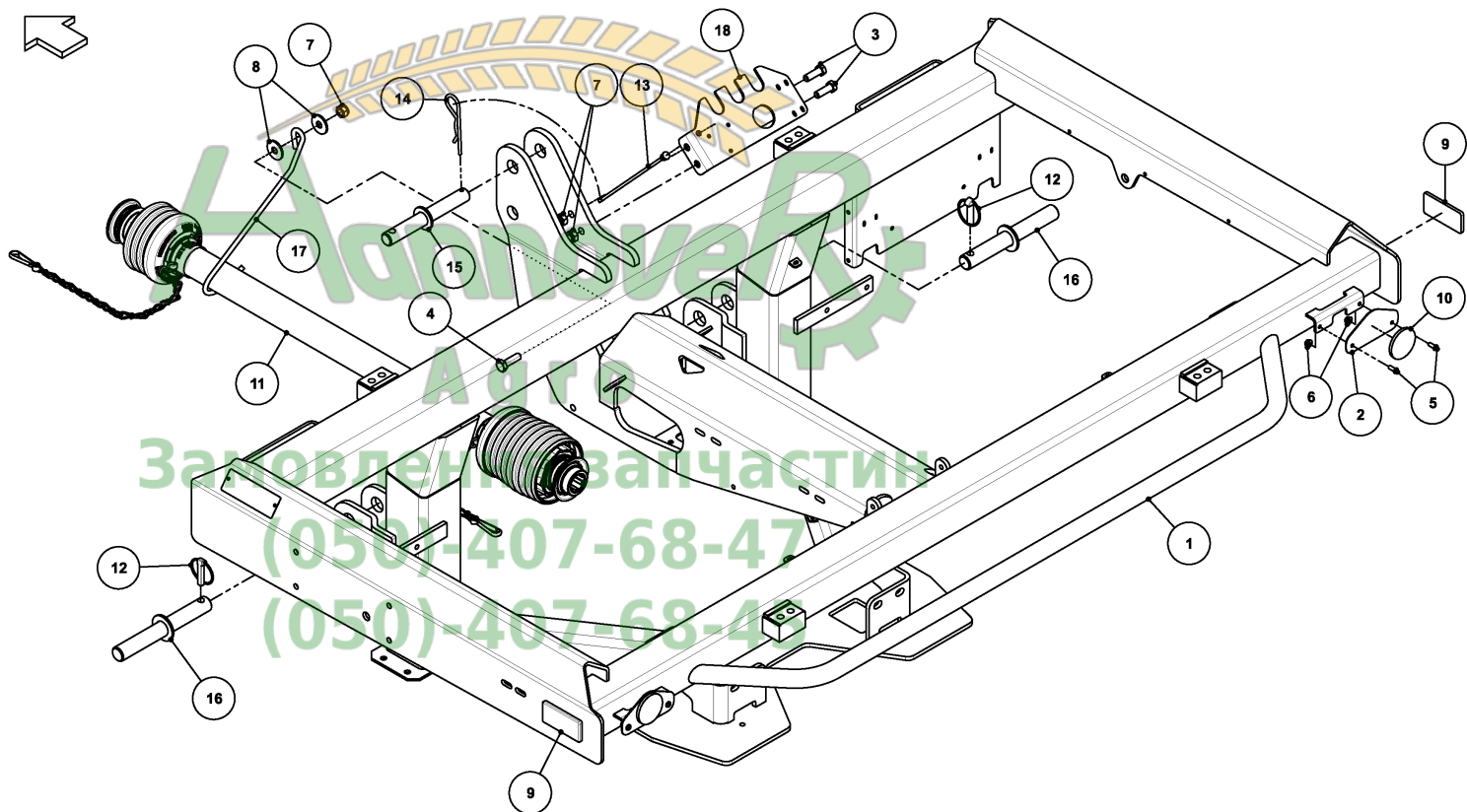


SPHV001692_2/01.001
VNH1000/01.001

RO-M GEO / FRAME



PosNo.	Part No.	Qty.
1	A138227886	1
2	A138369802	2
3	KG00500900	2
4	KG00501100	1
5	KG00738100	4
6	KG01059600	4
7	KG01070100	3
8	KG01901600	2
9	VN37601011	2
10	VN37601015	2
11	VN46120101	1
12	VNB0765193	2
13	VNB0870178	1
14	VNB0897393	1
15	VNB1599786	1
16	VNB1599986	2
17	VNB2332686	1
18	VNB3358786	1



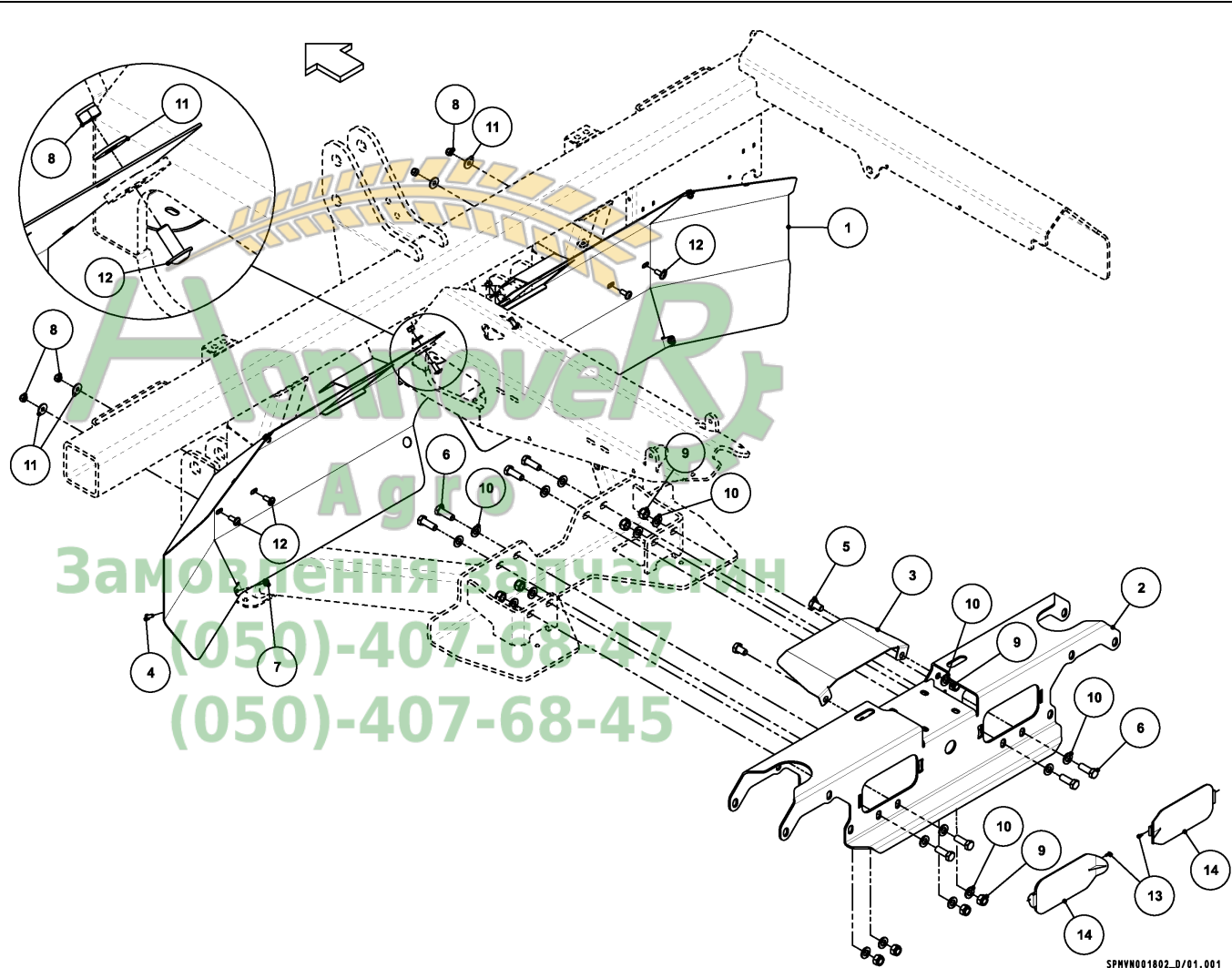
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A138376630-01

RO-M GEO / PROTECTION



PosNo.	Part No.	Qty.
1	A138236002	1
2	A138236186	1
3	A138236402	1
4	KG00494900	4
5	KG00500700	2
6	KG00501000	8
7	KG01059600	4
8	KG01069900	6
9	KG01070100	10
10	KG01264100	18
11	KG01901400	6
12	VN30128821	6
13	VN30143310	2
14	VNB4945378	2



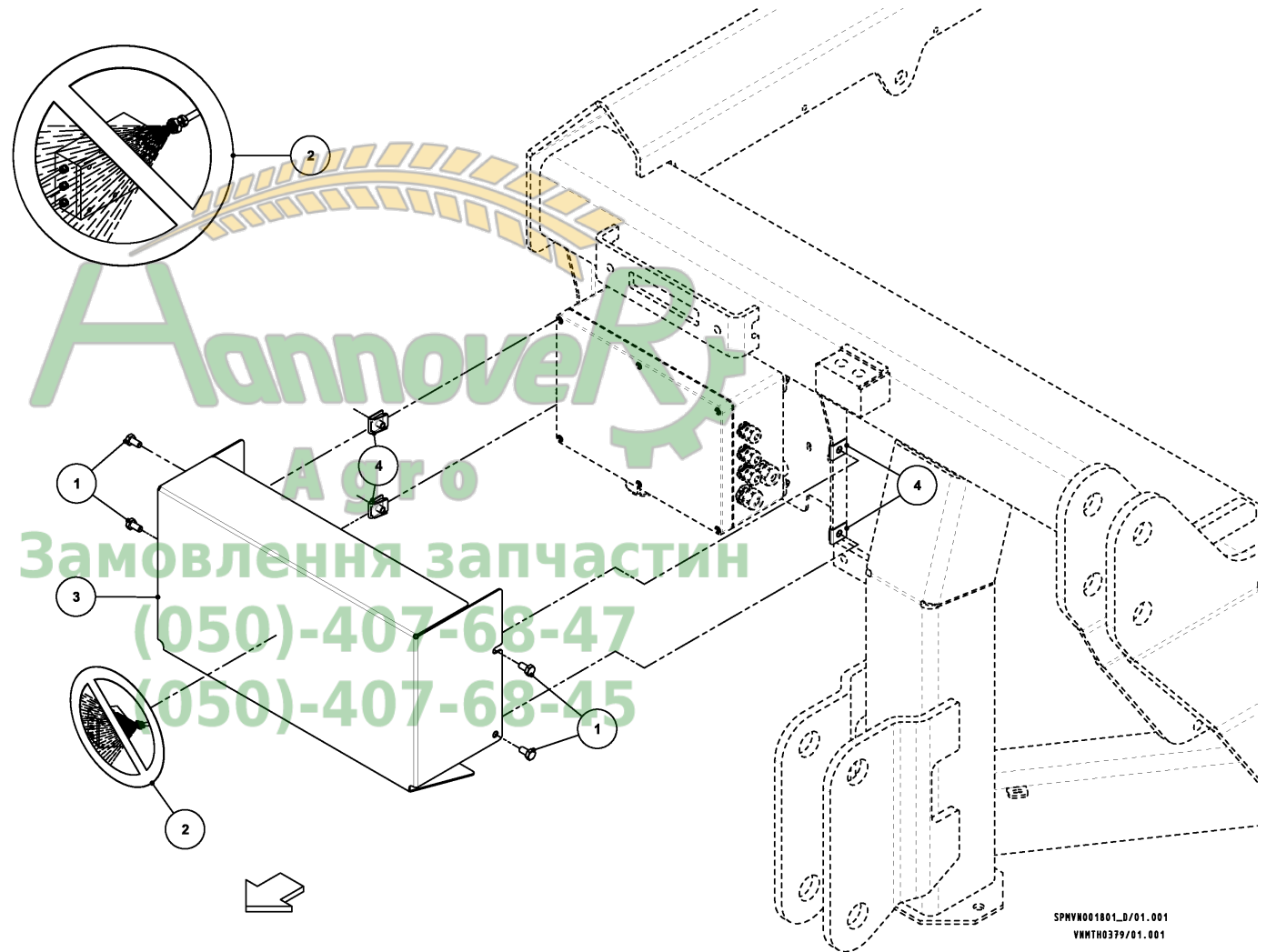
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A138376630-02

RO-M GEO / PROTECTION



PosNo.	Part No.	Qty.
1	KG00494900	4
2	VNB2426674	1
3	VNB4281502	1
4	VNB4708802	4



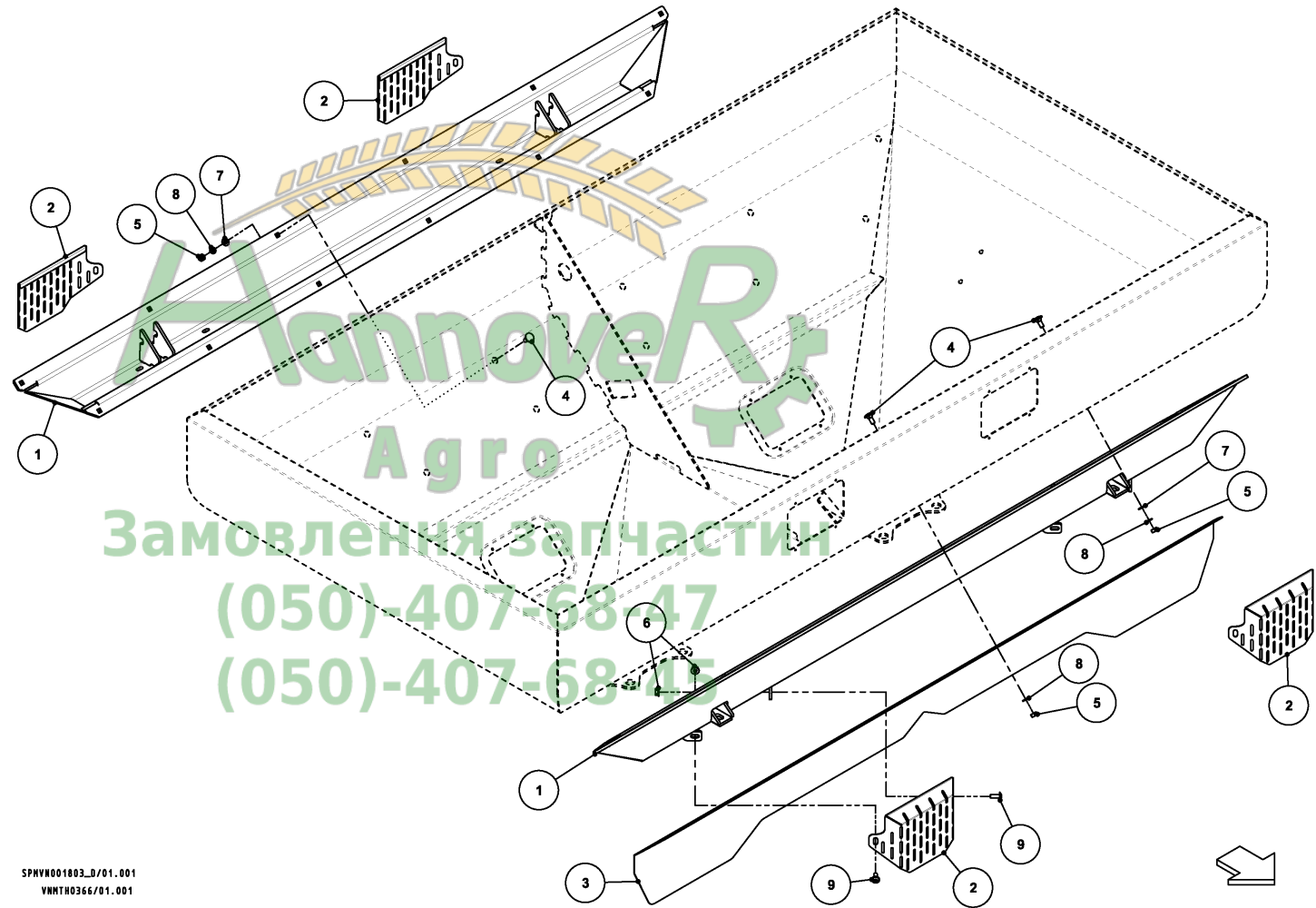
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A138376630-03

RO-M GEO / PROTECTION



PosNo.	Part No.	Qty.
1	A138231794	2
2	A138234102	4
3	A138234502	1
4	KG00652700	24
5	KG01053700	24
6	KG01059700	8
7	KG01263900	18
8	VN30117800	24
9	VN30128821	8



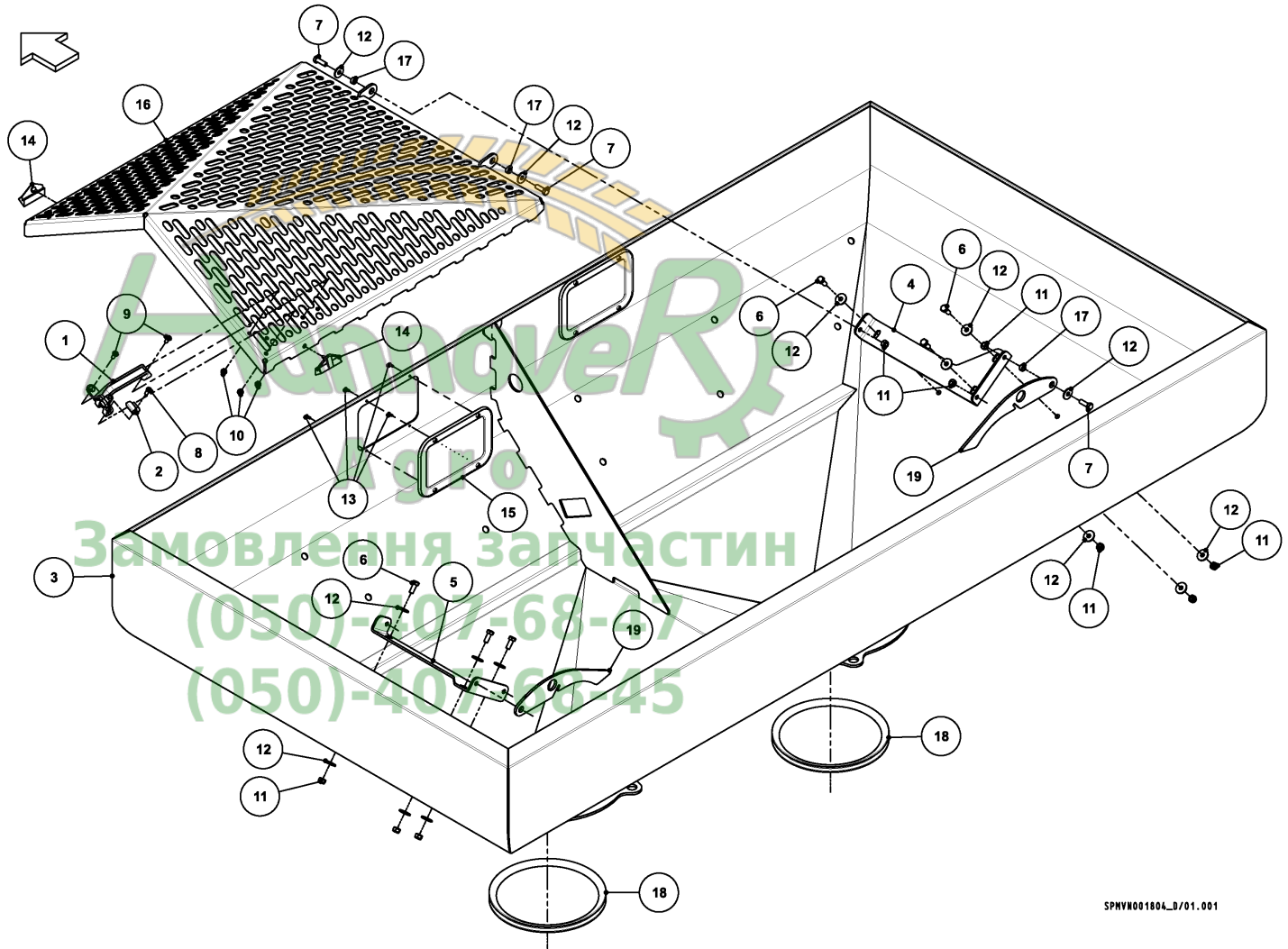
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VWTH0366/01.001

A138376630-04

RO-M GEO / HOPPER AND SIEVE



PosNo.	Part No.	Qty.
1	A138186478	2
2	A138186502	2
3	A138230594	1
4	A138235894	1
5	A138235994	1
6	KG00496900	6
7	KG00497100	6
8	KG00738100	2
9	KG00870000	4
10	KG01069800	6
11	KG01069900	12
12	KG01901400	18
13	VN30143310	16
14	VNB2068778	4
15	VNB2760978	4
16	VNB4270086	2
17	VNB4270602	6
18	VNB4319078	2
19	VNB4627794	2

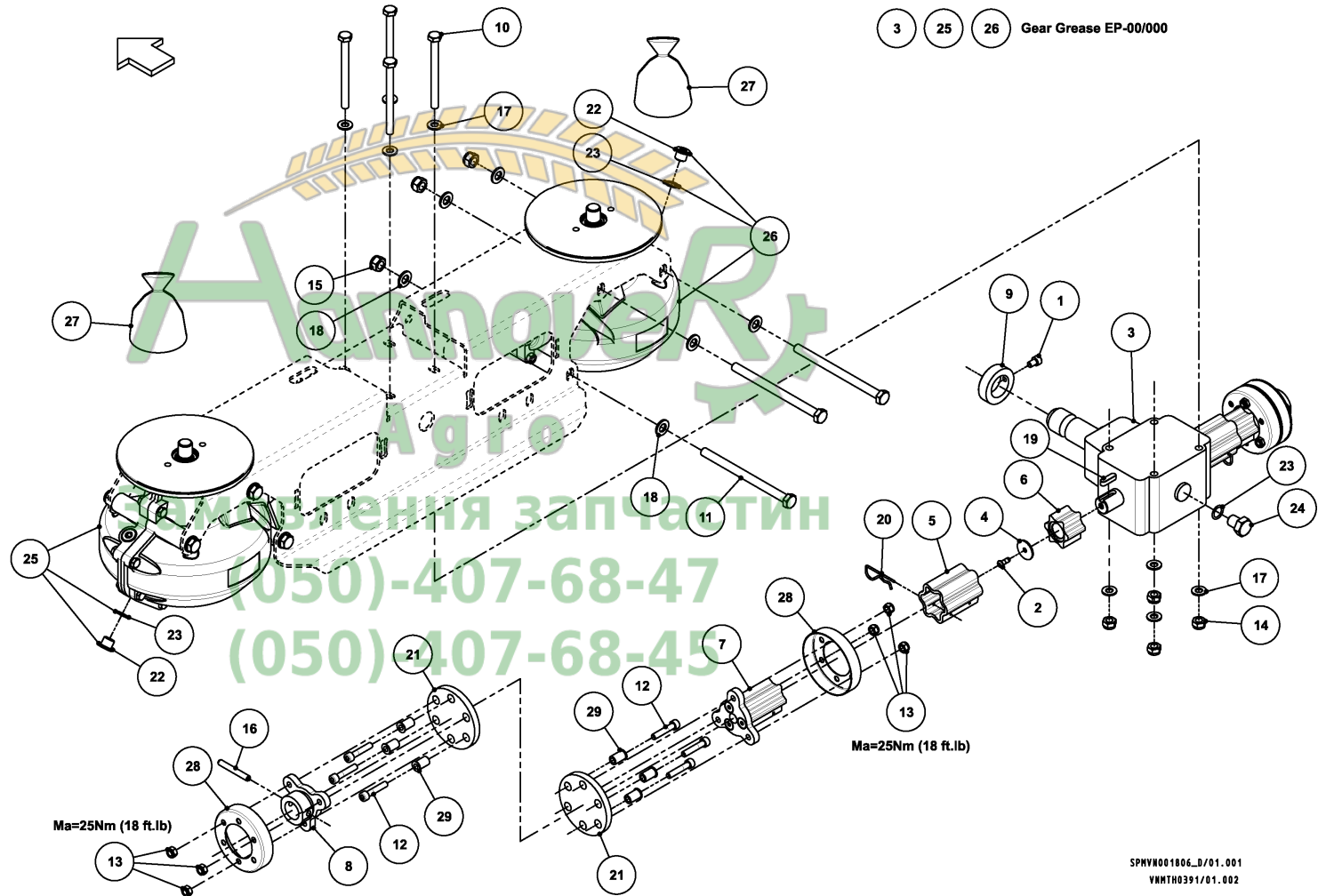


A138376630-05

RO-M GEO / DRIVE



PosNo.	Part No.	Qty.
1	A100014562	1
2	A138083578	2
3	A138201730	1
4	A138266702	2
5	A138310165	2
6	A138310365	2
7	A138310665	2
8	A138310865	2
9	A138315302	1
10	KG00397400	4
11	KG00399800	6
12	KG00565800	12
13	KG01069900	12
14	KG01070000	4
15	KG01070100	6
16	KG01192162	2
17	KG01264000	8
18	KG01264100	12
19	KG01306700	2
20	VNB1082102	2
21	VNB2417578	4
22	VNB3588378	4
23	VNB3588478	5
24	VNB3734878	1
25	VNB4064878	1
26	VNB4064978	1
27	VNB4466478	1
28	VNB5000802	4
29	VNB5000902	12

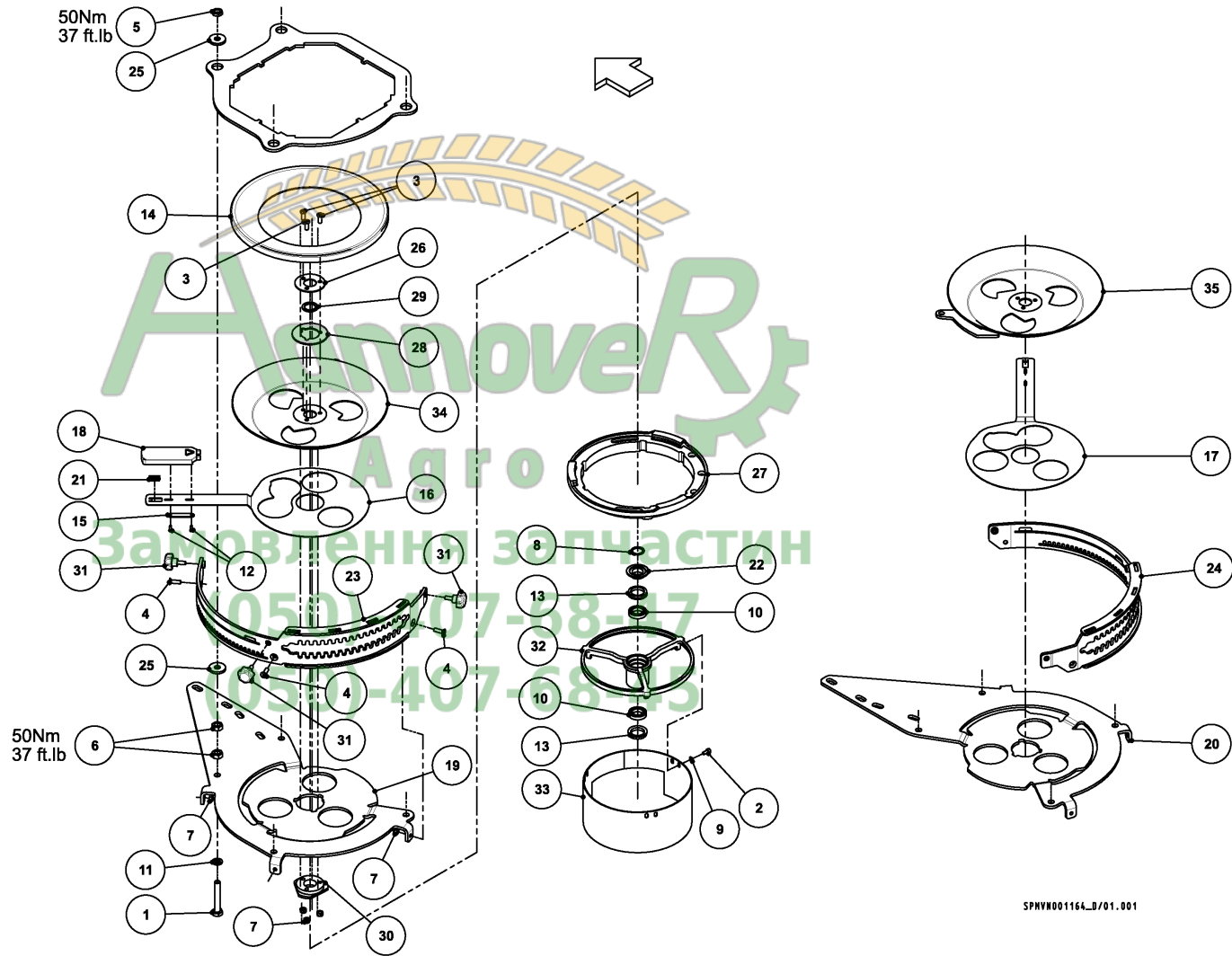


A138376630-06

RO-M GEO / DOSAGE



PosNo.	Part No.	Qty.
1	KG00499500	8
2	KG00562400	6
3	KG00738100	6
4	KG00870200	6
5	KG01044900	8
6	KG01053800	16
7	KG01069800	12
8	KG01107862	2
9	KG01283000	6
10	KG01421400	4
11	VN30117100	8
12	VN30143310	4
13	VN36112005	4
14	VNB3317278	2
15	VNB3559902	2
16	VNB3957302	1
17	VNB3957402	1
18	VNB3958278	2
19	VNB3967598	1
20	VNB3967698	1
21	VNB3970002	2
22	VNB4023502	2
23	VNB4042498	1
24	VNB4042598	1
25	VNB4042702	16
26	VNB4059402	2
27	VNB4060978	2
28	VNB4061702	2
29	VNB4061978	2
30	VNB4073178	2
31	VNB4077378	6
32	VNB4225402	2
33	VNB4239702	2
34	VNB4789802	1
35	VNB4789902	1



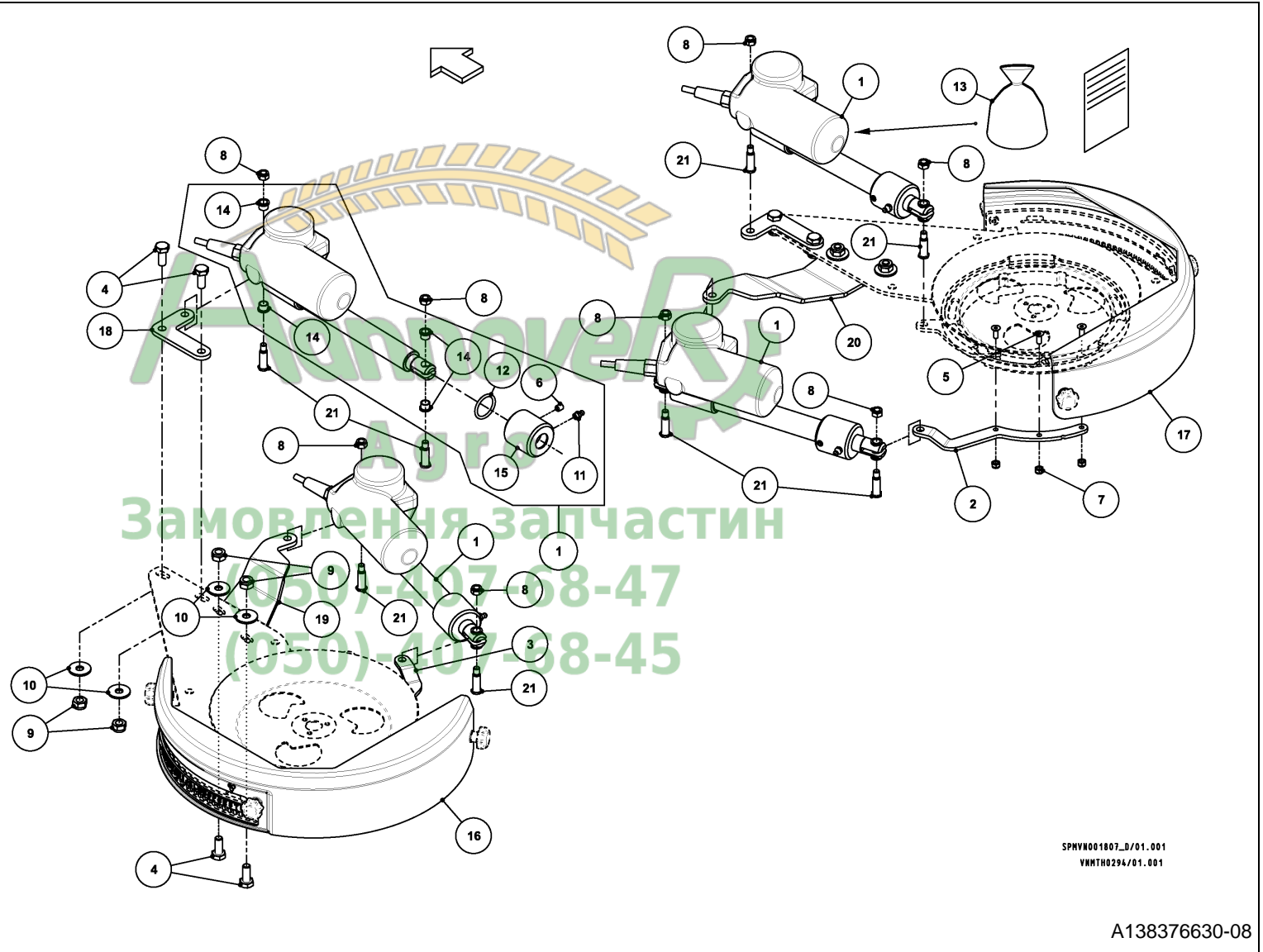
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VN79771635-08-2016

RO-M GEO / DOSAGE



PosNo.	Part No.	Qty.
1	A138222330	4
2	A138430202	1
3	A138430602	1
4	KG00498700	8
5	KG00870000	6
6	KG00945900	4
7	KG01069800	6
8	KG01069900	8
9	KG01070000	8
10	KG01901500	8
11	VN30130800	4
12	VN36107317	4
13	VNB0566173	1
14	VNB2235978	16
15	VNB3317378	4
16	VNB4063078	1
17	VNB4063178	1
18	VNB4713902	2
19	VNB4790102	1
20	VNB4790202	1
21	VNB4808502	8



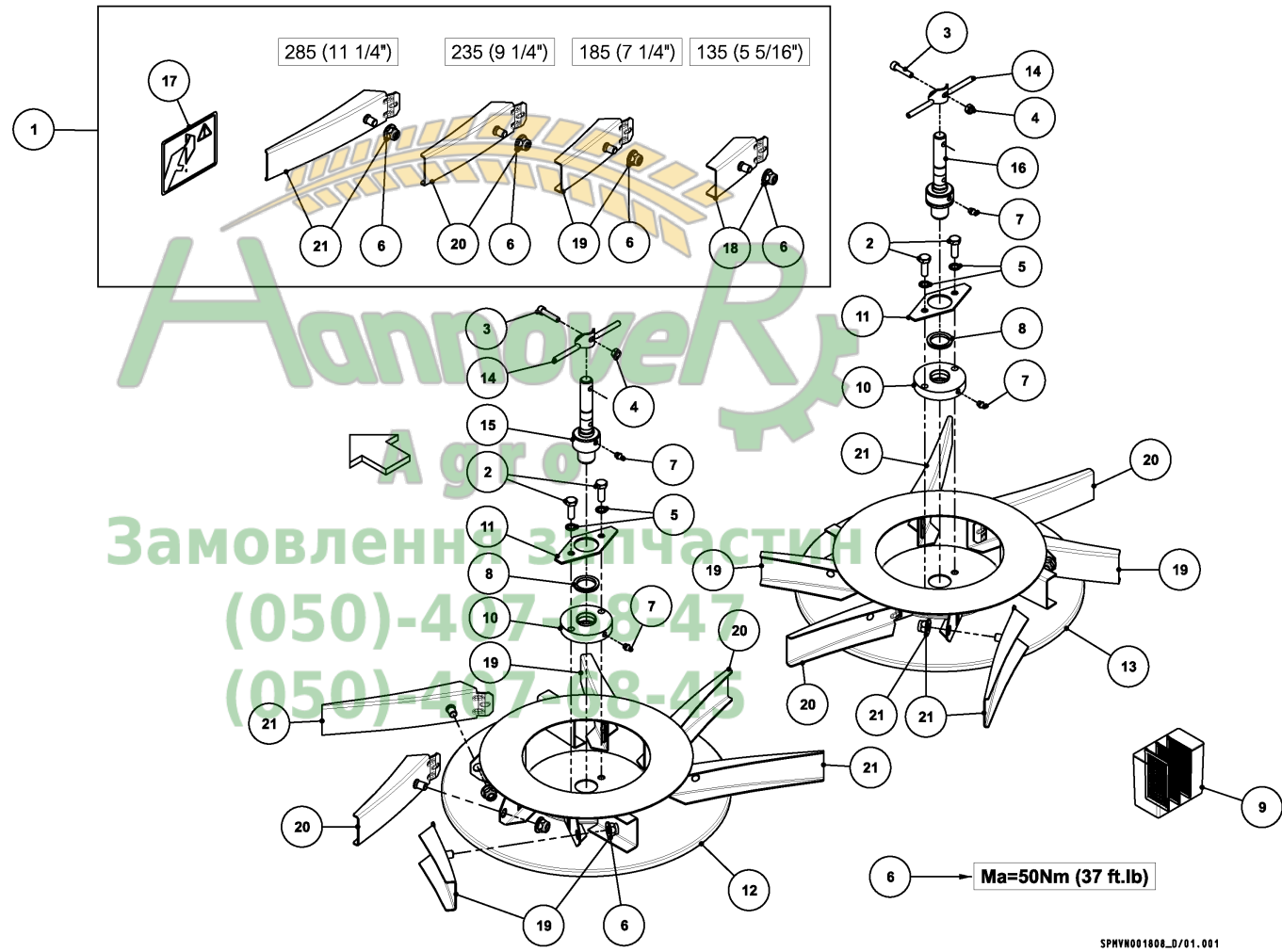
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VNH0294/01.001

A138376630-08

RO-M GEO / DISC, BROADCASTER



PosNo.	Part No.	Qty.
1	A138361530	1
2	KG00498800	4
3	KG00565700	2
4	KG01069900	2
5	KG01283300	4
6	VN30105200	16
7	VN30130800	4
8	VN36112032	2
9	VN79771219	1
10	VNB3388365	2
11	VNB3388402	2
12	VNB3414002	1
13	VNB3414102	1
14	VNB3717802	2
15	VNB4077502	1
16	VNB4077602	1
17	VNB4916674	1
18	VNB4955878	4
19	VNB4955978	4
20	VNB4956078	4
21	VNB4956178	4



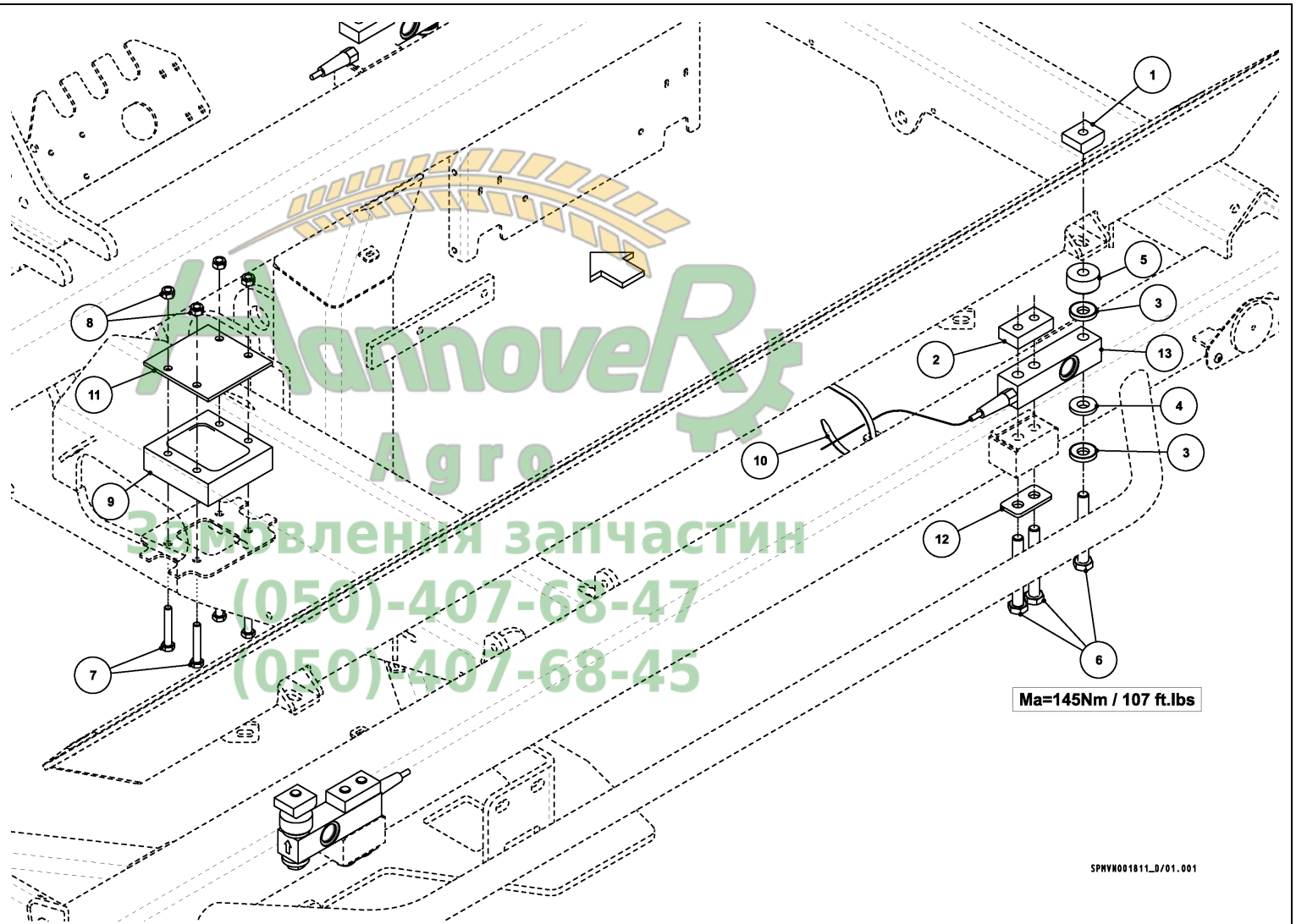
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A138361530-MGEO

RO-M GEO / CONTROL, ISO



PosNo.	Part No.	Qty.
1	A138233602	4
2	A138233702	4
3	A138233802	8
4	A138233902	4
5	A138234002	4
6	A138361065	12
7	KG00497600	4
8	KG01069900	4
9	MT00001356	1
10	VN80504001	6
11	VNB2336686	1
12	VNB4049902	4
13	VNB4050073	4



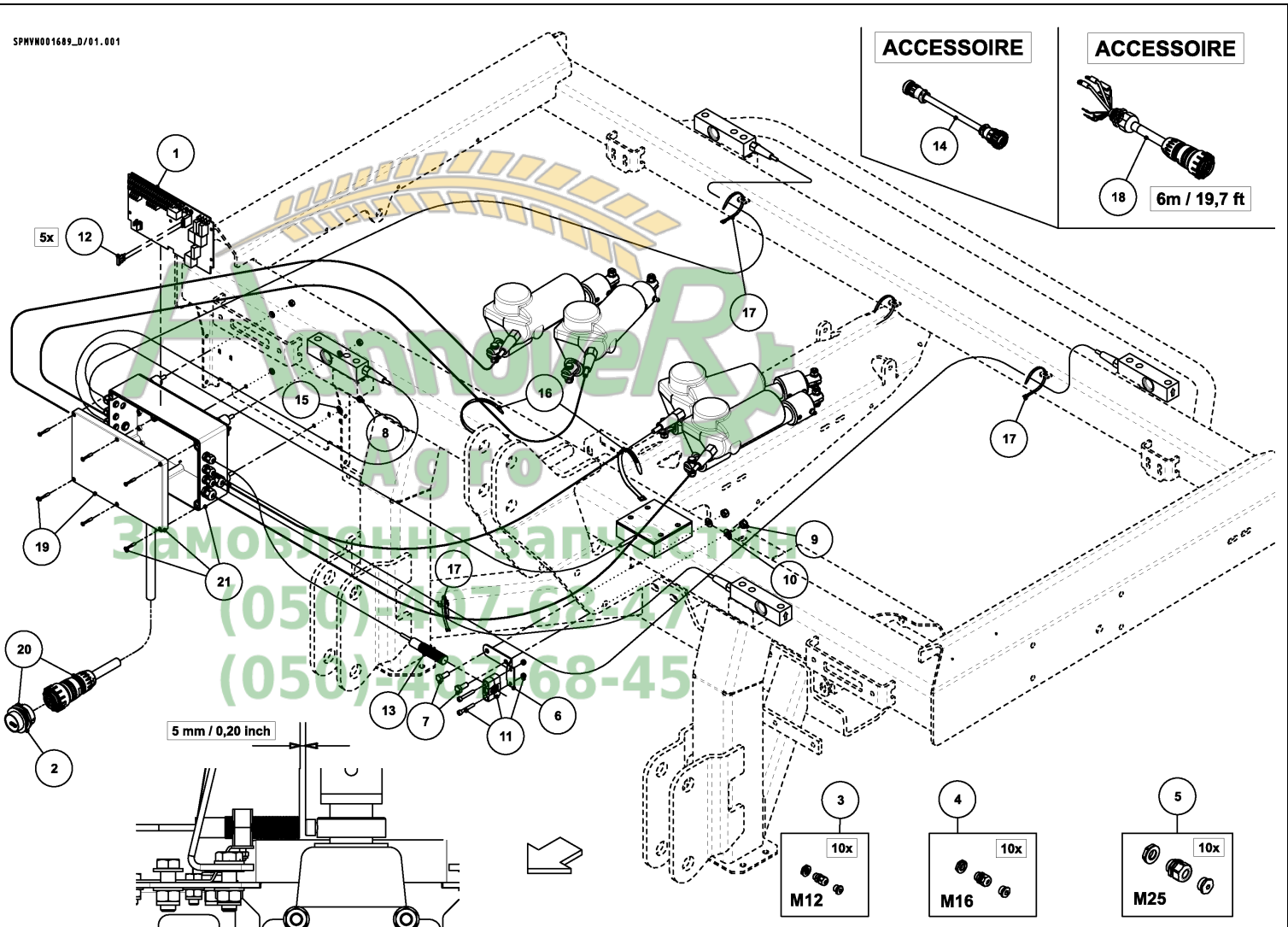
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A138376630-09

RO-M GEO / CONTROL, ISO



PosNo.	Part No.	Qty.
1	A136026300	1
2	A136074900	1
3	A136081400	1
4	A136081500	1
5	A136081700	1
6	A138311802	1
7	KG00496900	2
8	KG01053500	4
9	KG01069900	2
10	KG01263900	2
11	MT00001663	1
12	MT00001688	1
13	MT00002021	1
14	MT00002274	1
15	VN30117600	4
16	VN80504001	12
17	VN80504003	10
18	VNB0253473	1
19	VNB0489473	1
20	VNB0563673	1
21	VNB0578473	1

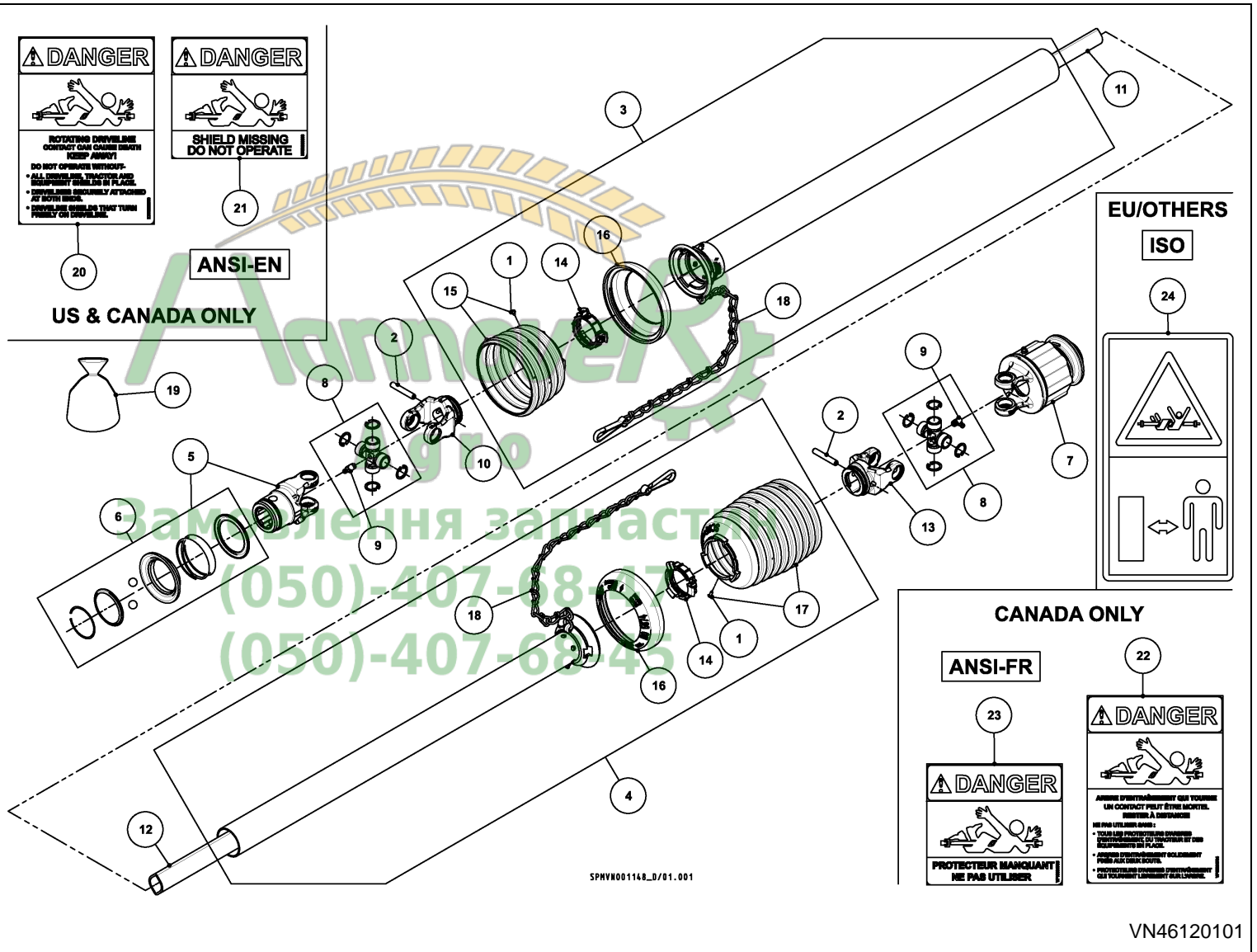


MT00002181-MGEO-2016

RO-M GEO / UNIV. JOINT SHAFT



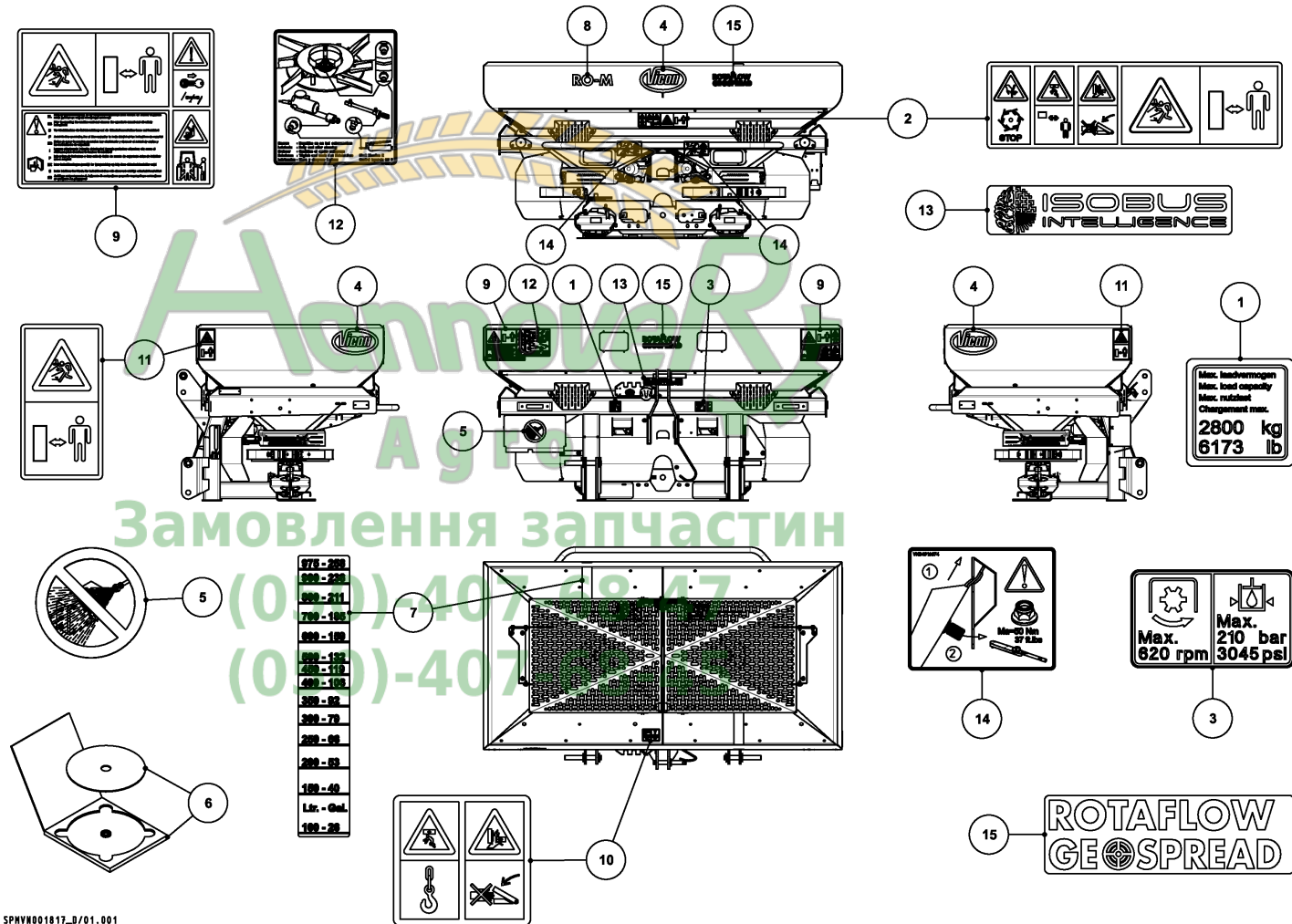
PosNo.	Part No.	Qty.
1	KG00742063	6
2	KG01192062	2
3	KG02000000	1
4	KG02000100	1
5	KG02000200	1
6	KG02000300	1
7	KG02000400	1
8	KG02000500	2
9	KG02000600	2
10	KG02000700	1
11	KG02000800	1
12	KG02000900	1
13	KG02001000	1
14	KG02001100	2
15	KG02001200	1
16	KG02001300	2
17	KG02001400	1
18	KG02001500	2
19	KG02001600	1
20	KT56968000	1
21	KT56969000	1
22	VF16661794	1
23	VF16661795	1
24	VGTR1029	1



RO-M GEO / DECAL SCHEMATIC ISO (EU/OTHERS)



PosNo.	Part No.	Qty.
1	A138368474	1
2	A138369074	1
3	VNB1310474	1
4	VNB2071674	3
5	VNB2426674	1
6	VNB2822600	1
7	VNB4105374	2
8	VNB4105574	1
9	VNB4376974	2
10	VNB4377174	1
11	VNB4377274	2
12	VNB4493474	1
13	VNB4800374	1
14	VNB4916674	2
15	VNB5049874	2

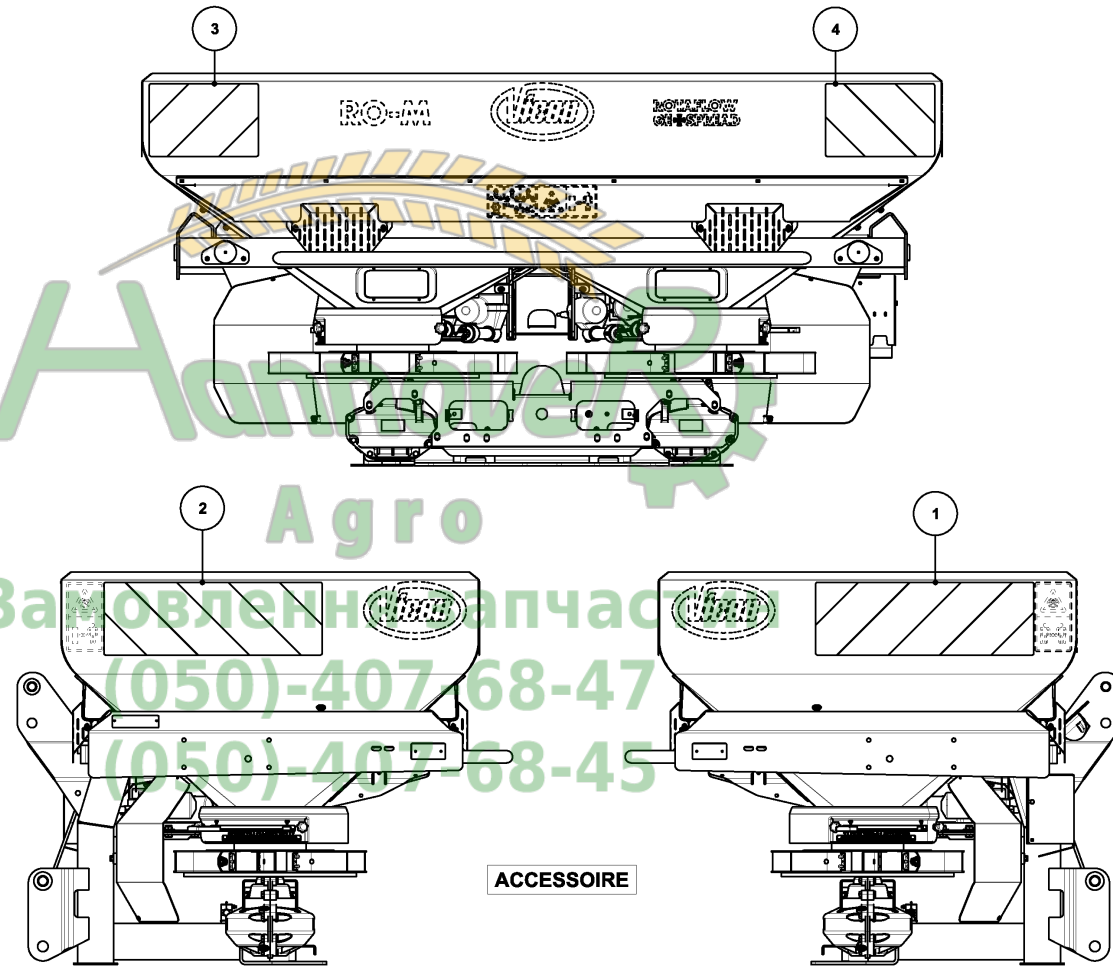


ROMGEO_VN25700_DC1

RO-M GEO / DECAL SCHEMATIC ISO (FRANCE)



PosNo.	Part No.	Qty.
1	VNB4377474	1
2	VNB4377574	1
3	VNB4377674	1
4	VNB4377774	1

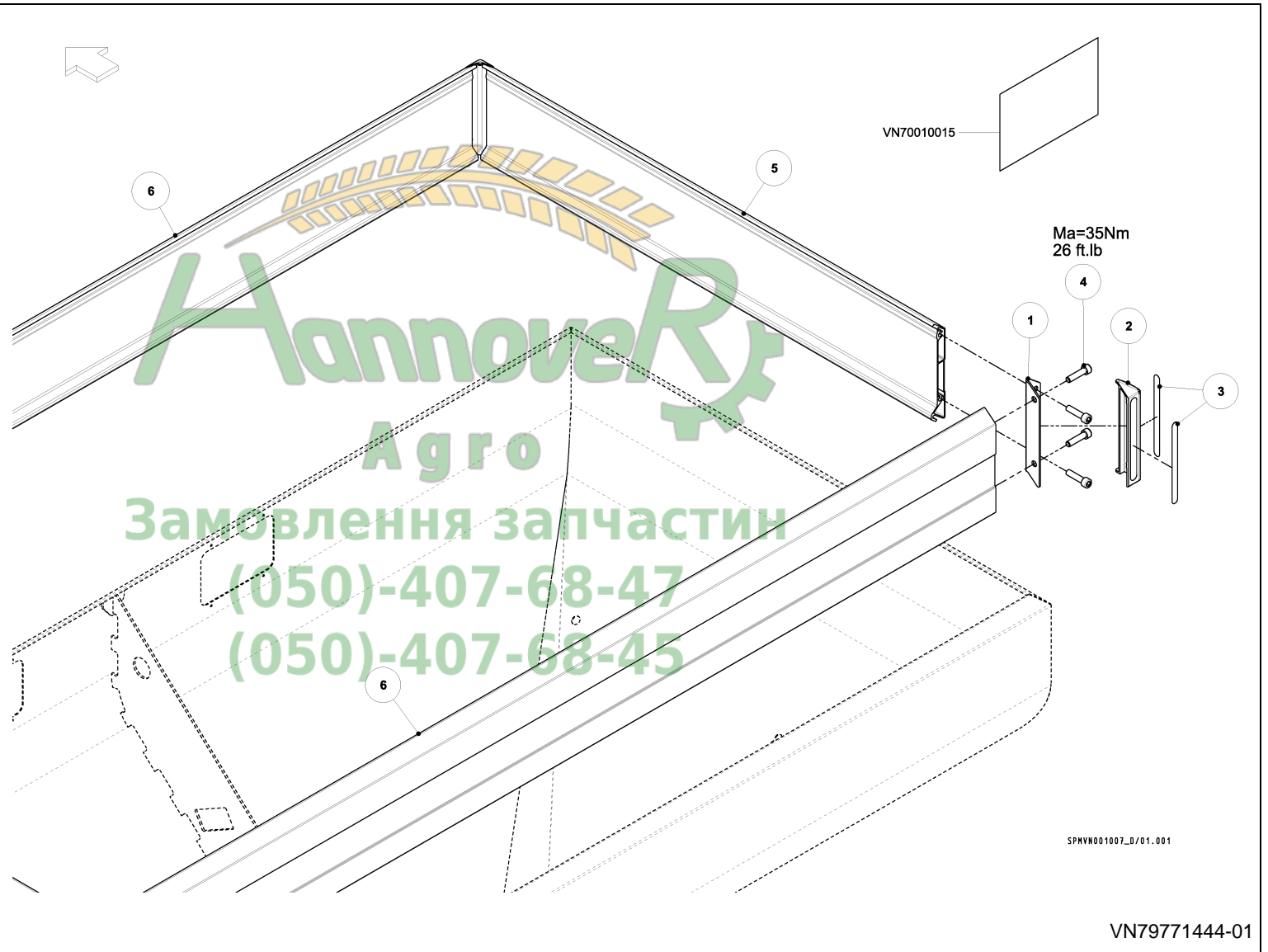


ROMGEO_VN25700_DC2

RO-M GEO / HOPPER EXTENSION



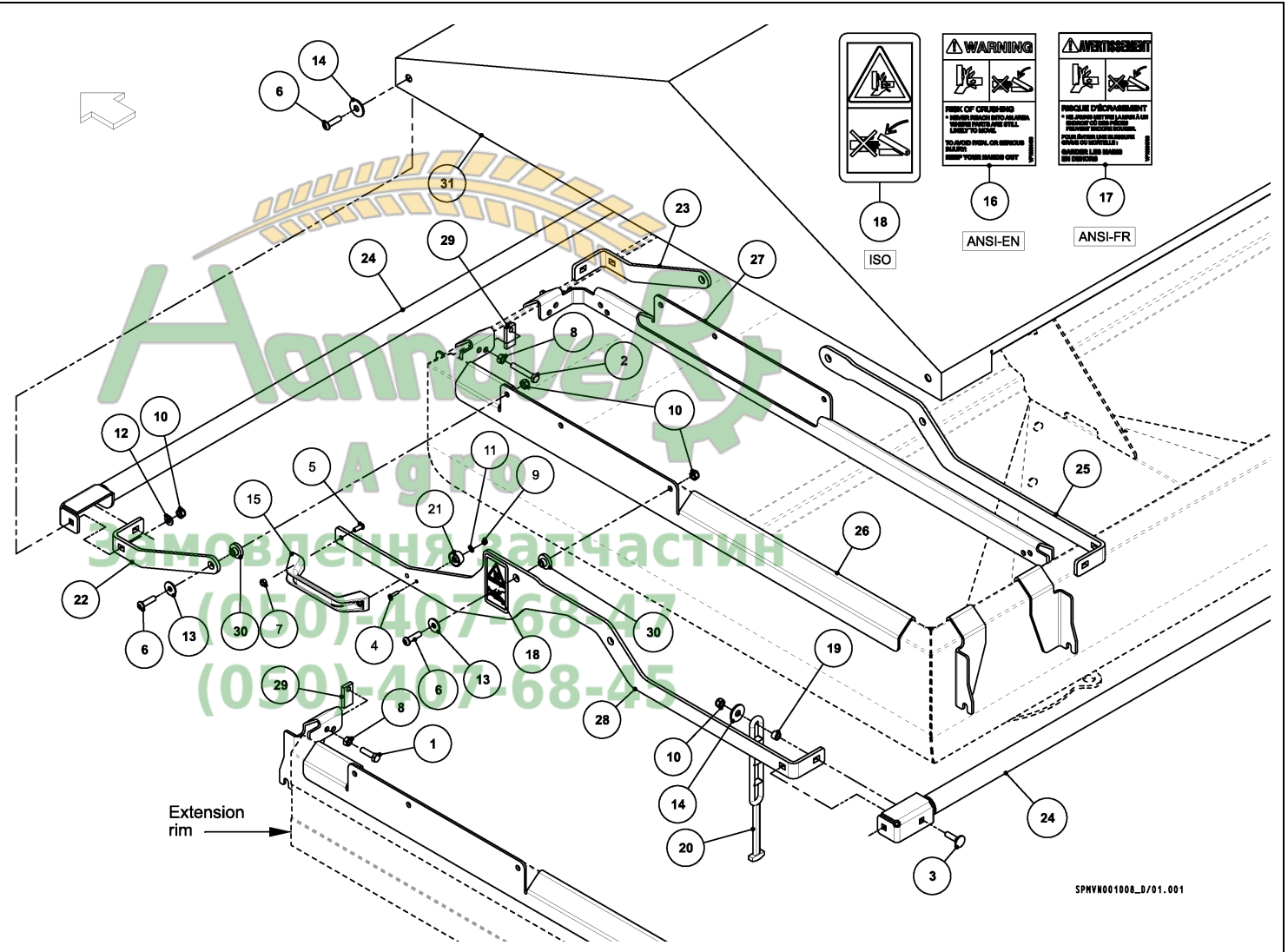
PosNo.	Part No.	Qty.
1	VNB3984186	4
2	VNB4014778	4
3	VNB4053474	8
4	VNB4218178	16
5	VNB4675302	2
6	VNB4675402	2



RO-M GEO / TARPAULIN



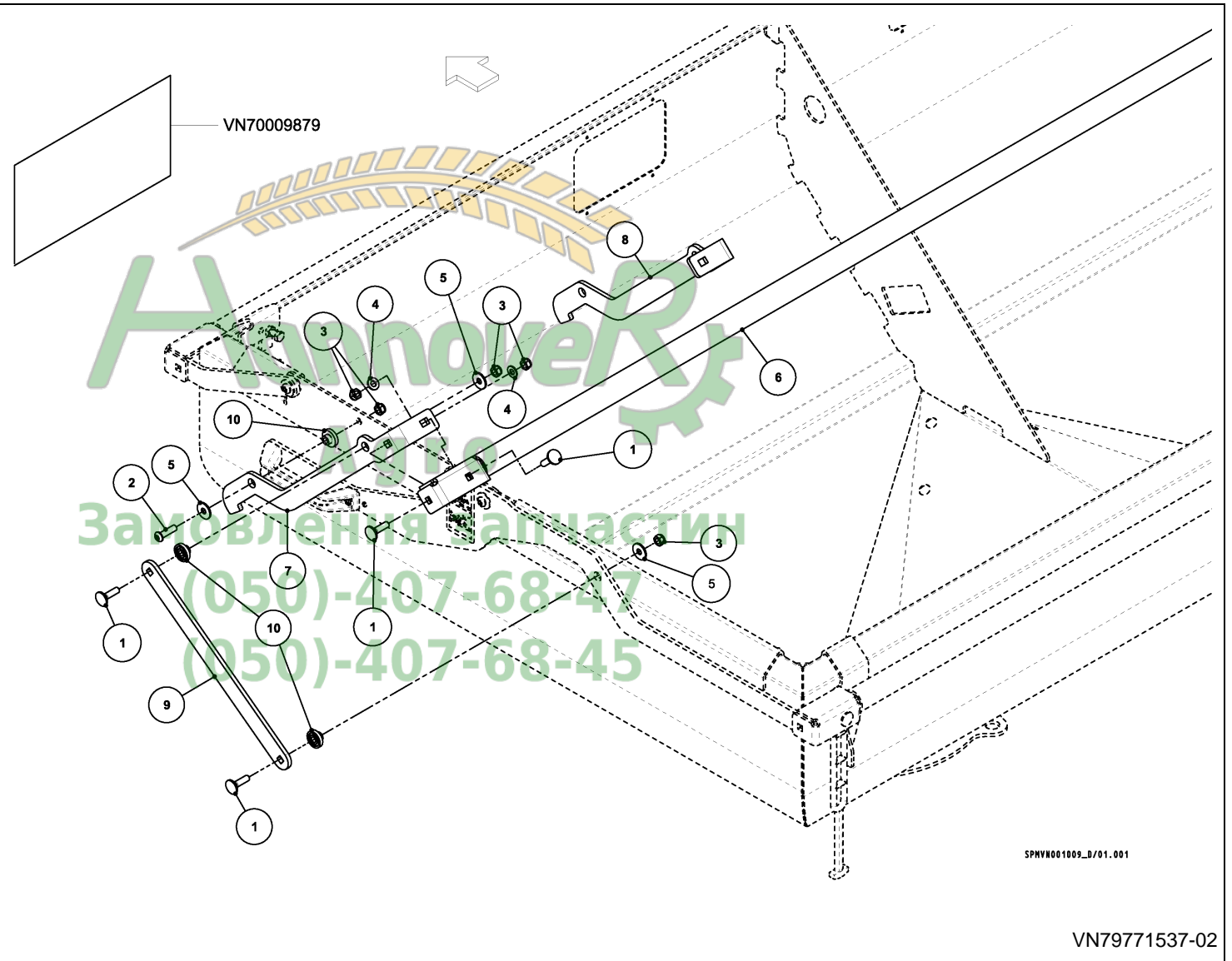
PosNo.	Part No.	Qty.
1	KG00497200	8
2	KG00497600	8
3	KG00652900	4
4	KG00712400	1
5	KG00738100	2
6	KG00739600	8
7	KG01053500	2
8	KG01053700	8
9	KG01069600	1
10	KG01069900	12
11	KG01263600	1
12	KG01263900	4
13	KG01901400	4
14	KG01901500	8
15	RG00040217	1
16	VF16661496	1
17	VF16661768	1
18	VGTR2059	1
19	VNB2092402	4
20	VNB3443478	4
21	VNB3447178	1
22	VNB3603398	1
23	VNB3603598	1
24	VNB4078798	2
25	VNB4079098	1
26	VNB4306498	2
27	VNB4306598	1
28	VNB4306698	1
29	VNB4309102	8
30	VNB4487278	4
31	VNB4998578	1



RO-M GEO / TARPAULIN



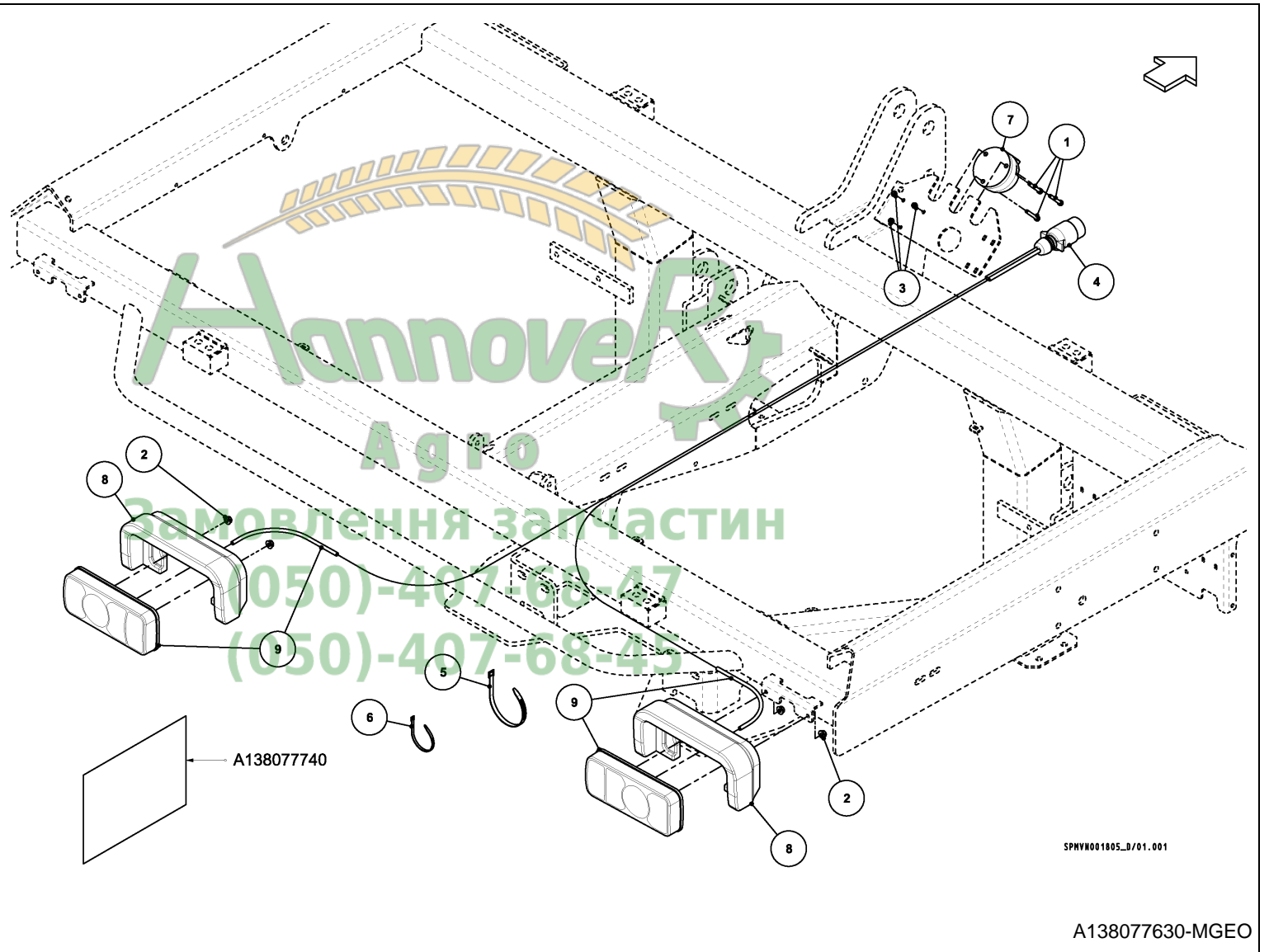
PosNo.	Part No.	Qty.
1	KG00652900	8
2	KG00739600	2
3	KG01069900	10
4	KG01263900	4
5	KG01901400	6
6	VNB4078798	1
7	VNB4079198	1
8	VNB4079298	1
9	VNB4079398	2
10	VNB4487278	6



RO-M GEO / LIGHTING EU/OTHERS



PosNo.	Part No.	Qty.
1	KG00563000	3
2	KG01059600	4
3	KG01069700	3
4	VN48101007	1
5	VN80504001	2
6	VN80504003	10
7	VNB0341273	1
8	VNB5007578	2
9	VNB5030178	2



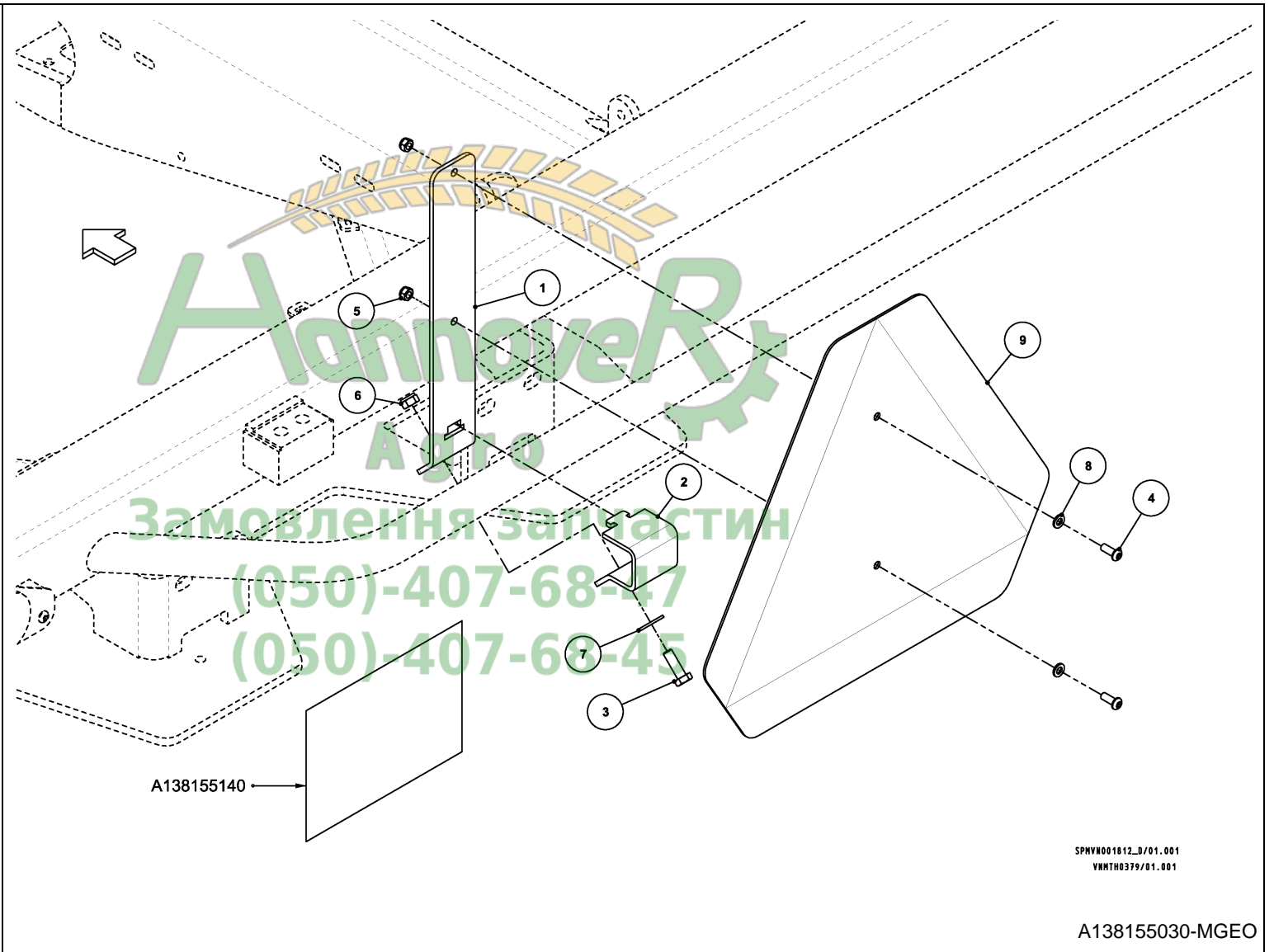
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A138077630-MGEO

RO-M GEO / WARNING TRIANGLE SMV



PosNo.	Part No.	Qty.
1	A138155202	1
2	A138155402	1
3	KG00497100	1
4	KG00738100	2
5	KG01069800	2
6	KG01069900	1
7	KG01901400	1
8	VNB1063478	2
9	VNB1847378	1



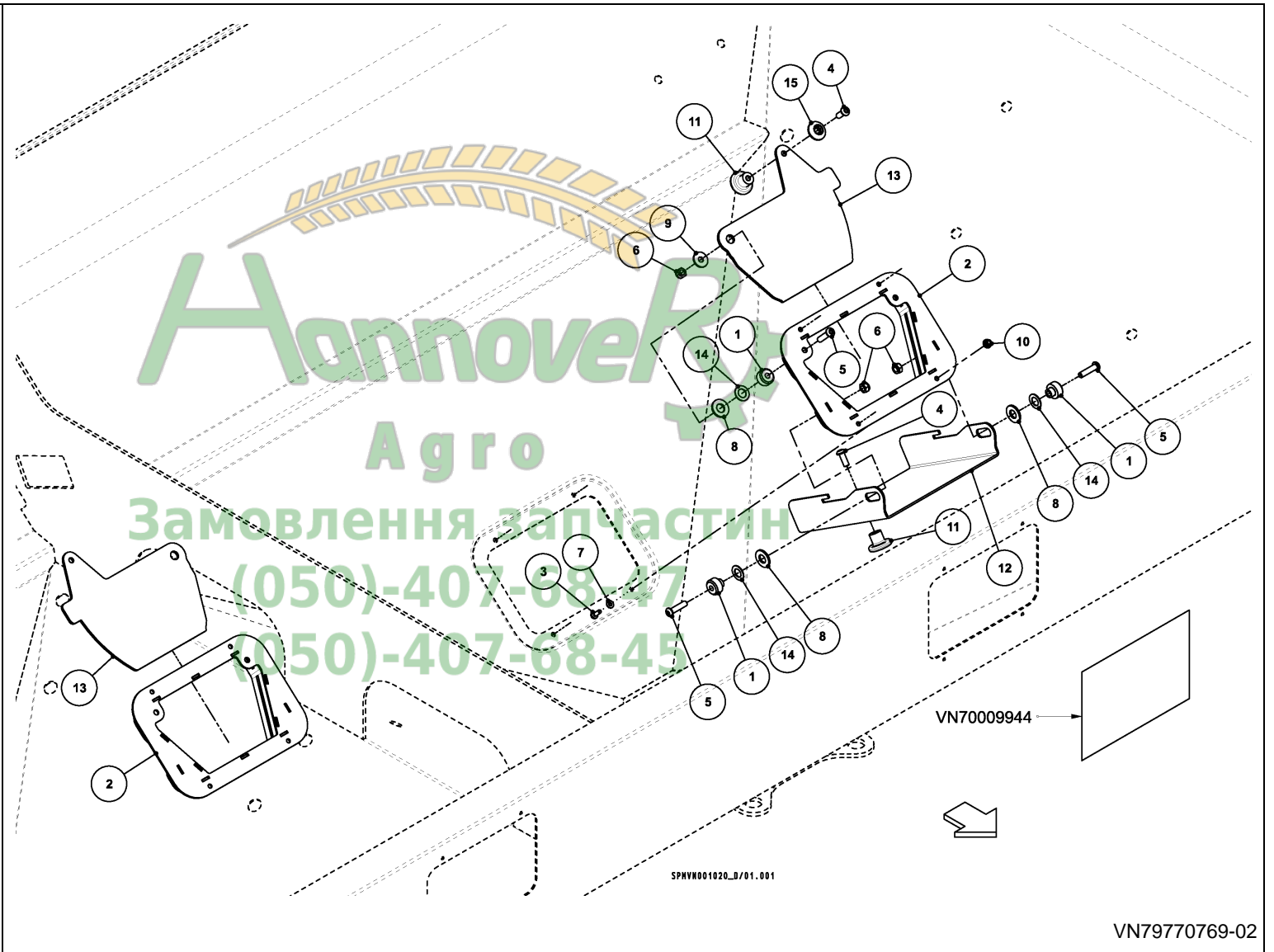
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A138155030-MGEO

RO-M GEO / HOPPER EMPTYING SET



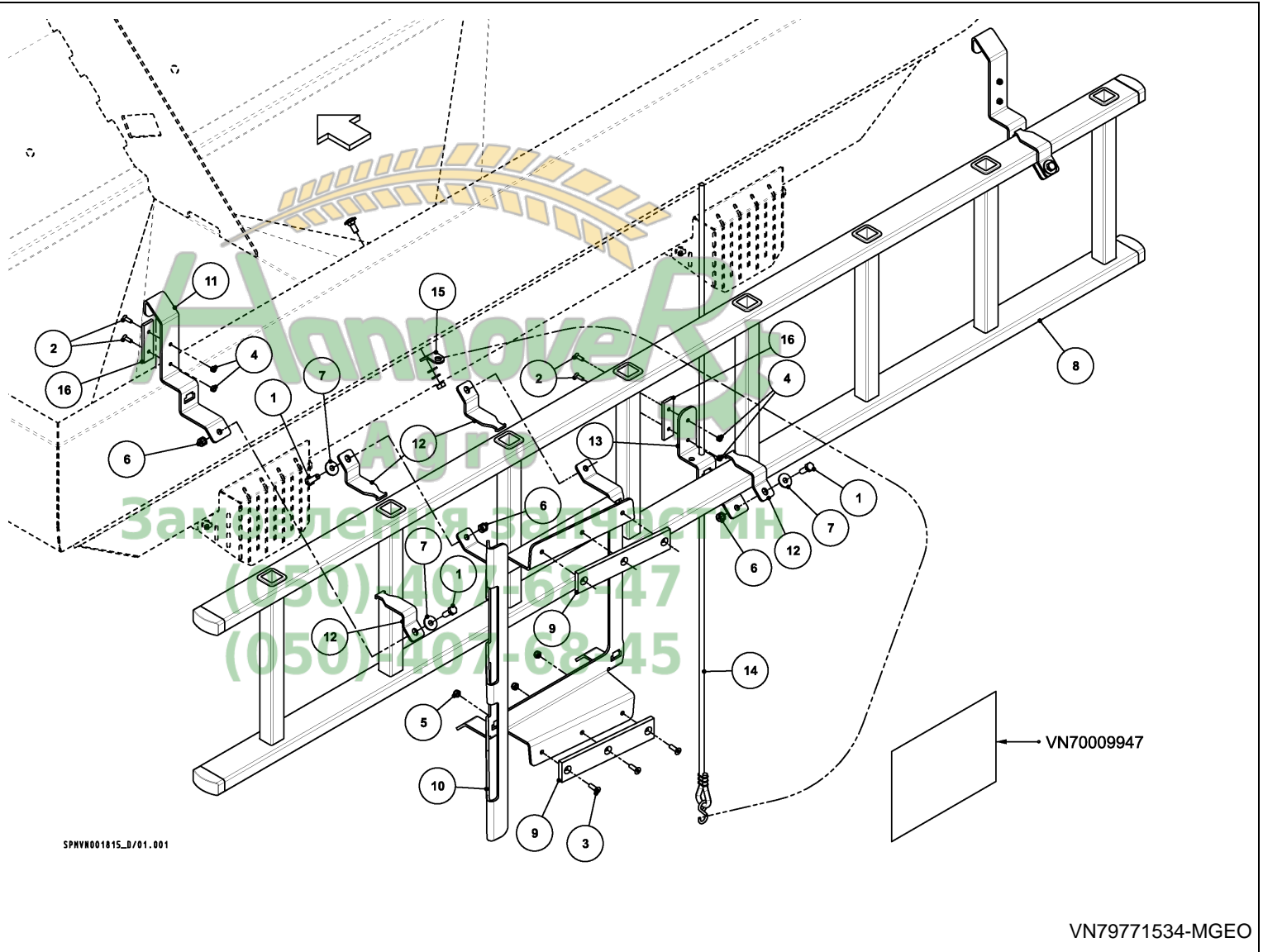
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1	A138367202	6
2	A138367302	2
3	KG00679900	8
4	KG00738100	4
5	KG00738300	6
6	KG01069800	6
7	KG01263600	8
8	KG01264000	6
9	KG01901300	2
10	VN30105400	8
11	VNB4334578	4
12	VNB4408202	2
13	VNB4408302	2
14	VNB4451002	6
15	VNB4975278	2



RO-M GEO / LADDERSET



PosNo.	Part No.	Qty.
1	KG00497100	7
2	KG00868600	6
3	KG00870200	6
4	KG01069700	6
5	KG01069800	6
6	KG01069900	7
7	KG01901400	7
8	VNB4442278	1
9	VNB4450578	2
10	VNB4451198	1
11	VNB4451298	2
12	VNB4451398	7
13	VNB4451498	1
14	VNB4451978	1
15	VNB4473502	1
16	VNB4743378	3



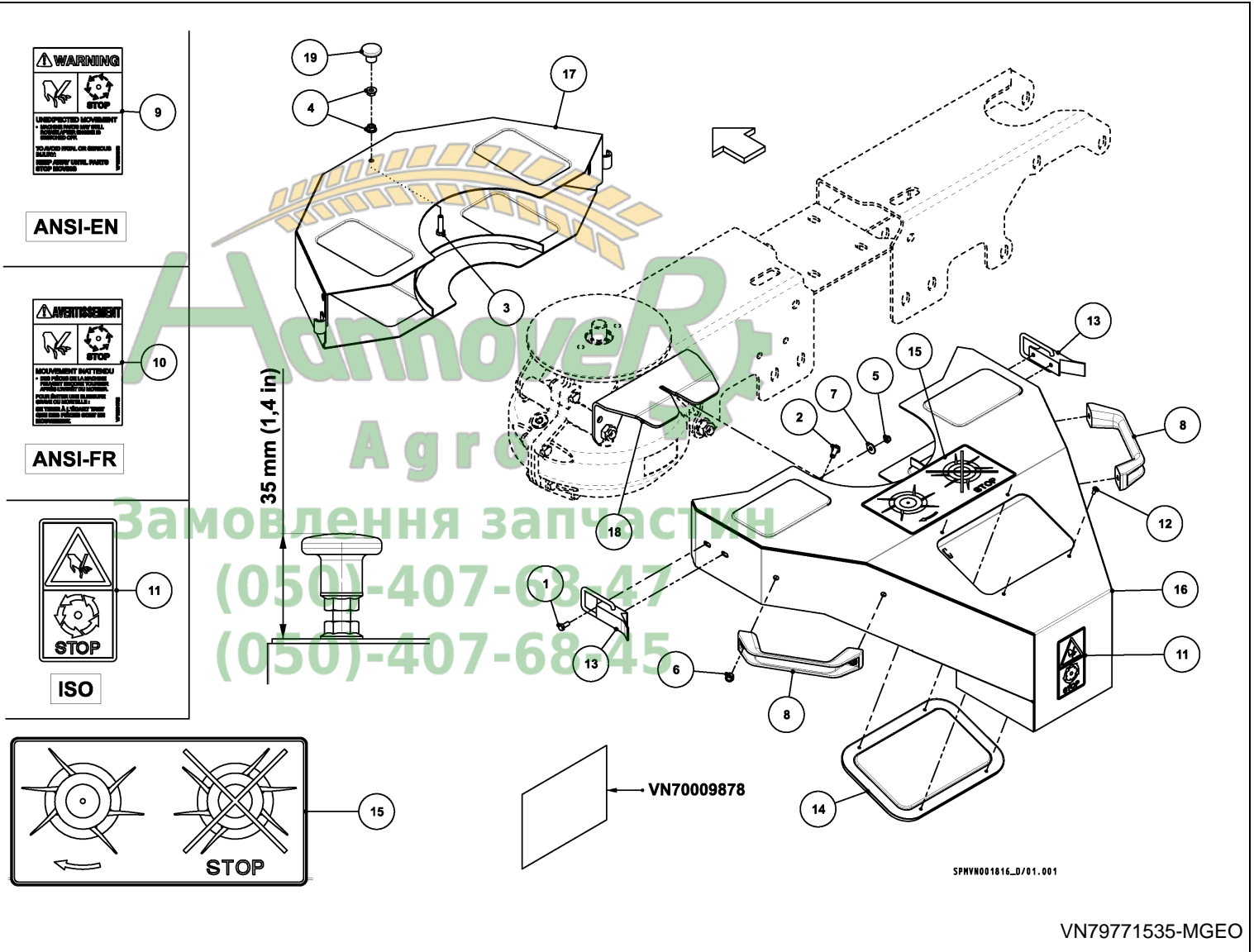
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VN79771534-MGEO

RO-M GEO / CALIBRATION CONTAINER



PosNo.	Part No.	Qty.
1	KG00493700	4
2	KG00495100	4
3	KG00495300	1
4	KG01059600	2
5	KG01069700	4
6	KG01069800	4
7	KG01901200	4
8	RG00040217	2
9	VF16661510	1
10	VF16661782	1
11	VGTR2023	1
12	VN30143310	4
13	VNB1100802	2
14	VNB2760978	1
15	VNB3708174	1
16	VNB4332098	1
17	VNB4332198	1
18	VNB4332998	1
19	VNB4334578	1



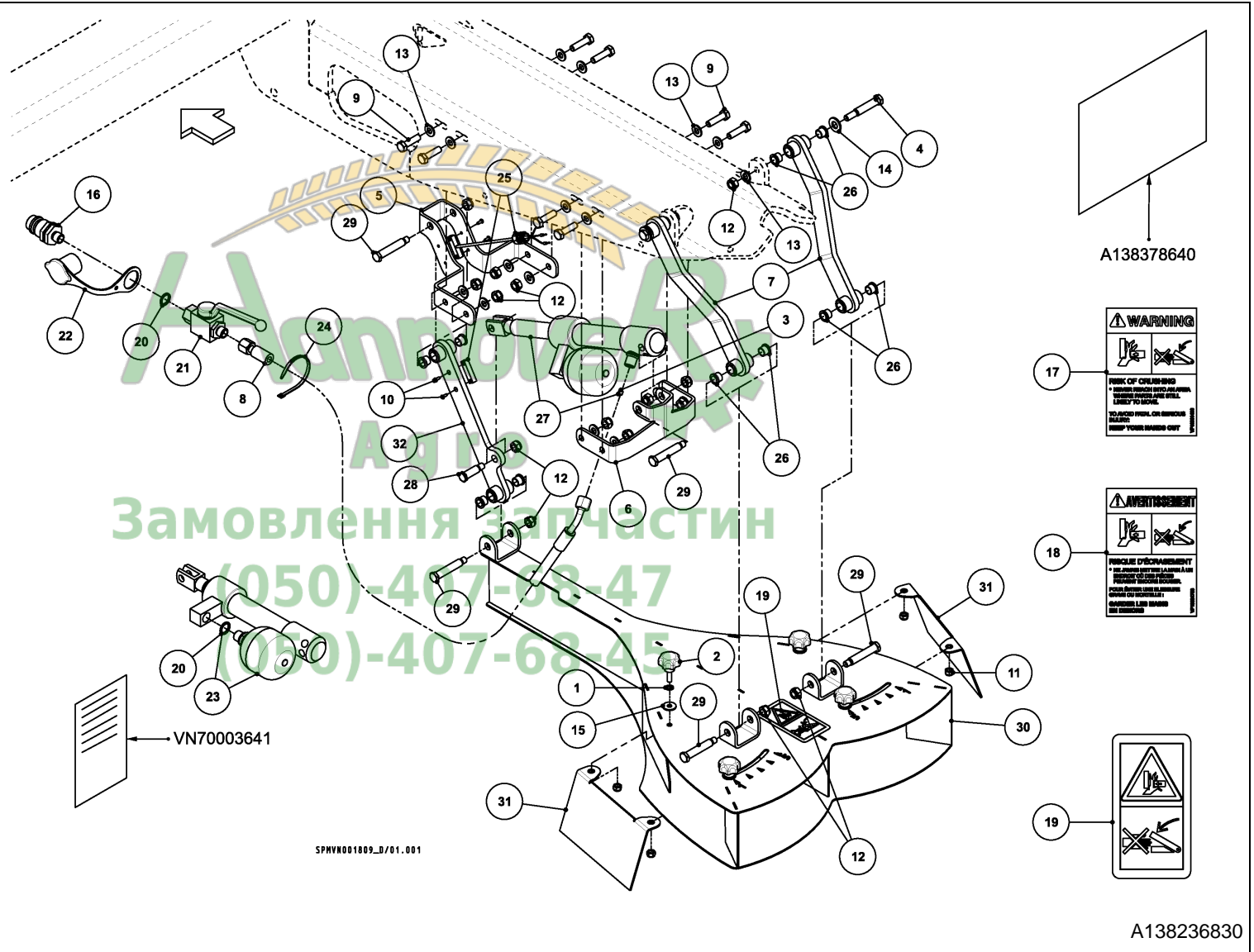
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VN79771535-MGEO

RO-M GEO / BOUNDARY SPREADING PLATE (2)



PosNo.	Part No.	Qty.
1	A100004700	4
2	A138113078	4
3	A138135402	1
4	A138193002	2
5	A138313594	1
6	A138313694	1
7	A138313894	2
8	A138354530	1
9	KG00497200	8
10	KG00746800	4
11	KG01069800	4
12	KG01069900	16
13	KG01263900	18
14	KG01264000	2
15	KG01901300	4
16	RG00048610	1
17	VF16661496	1
18	VF16661768	1
19	VGTR2059	1
20	VN31419900	2
21	VN38241605	1
22	VN38854581	1
23	VN79771437	1
24	VN80504003	10
25	VNB0450173	1
26	VNB2235978	12
27	VNB4008178	1
28	VNB4808502	1
29	VNB4808802	5
30	VNB5002802	1
31	VNB5003002	2
32	VNB5004394	1



SPHVR001809_0/01.001

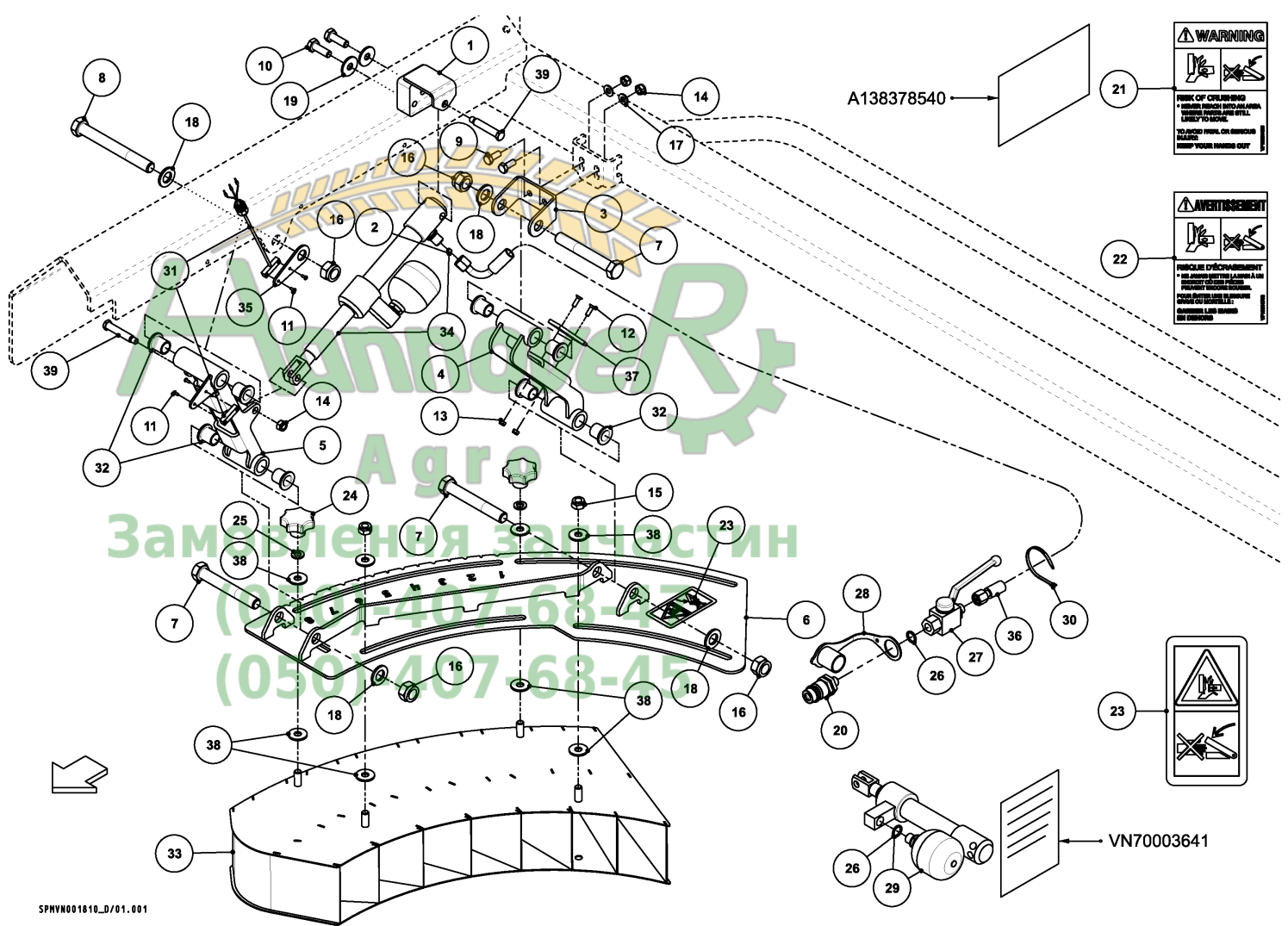
A138236830

RO-M GEO / TRIMFLOW



PosNo. Part No. Qty.

1	A138127798	1
2	A138135402	1
3	A138194398	1
4	A138194694	1
5	A138195494	1
6	A138196594	1
7	KG00402500	3
8	KG00402800	1
9	KG00496900	2
10	KG00498800	2
11	KG00746800	4
12	KG00868600	2
13	KG01069700	2
14	KG01069900	3
15	KG01070000	2
16	KG01070300	4
17	KG01263900	2
18	KG01264300	4
19	KG01901500	2
20	RG00048610	1
21	VF16661496	1
22	VF16661768	1
23	VGTR2059	1
24	VN17856588	2
25	VN30117100	2
26	VN31419900	2
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33	VNB3914302	1
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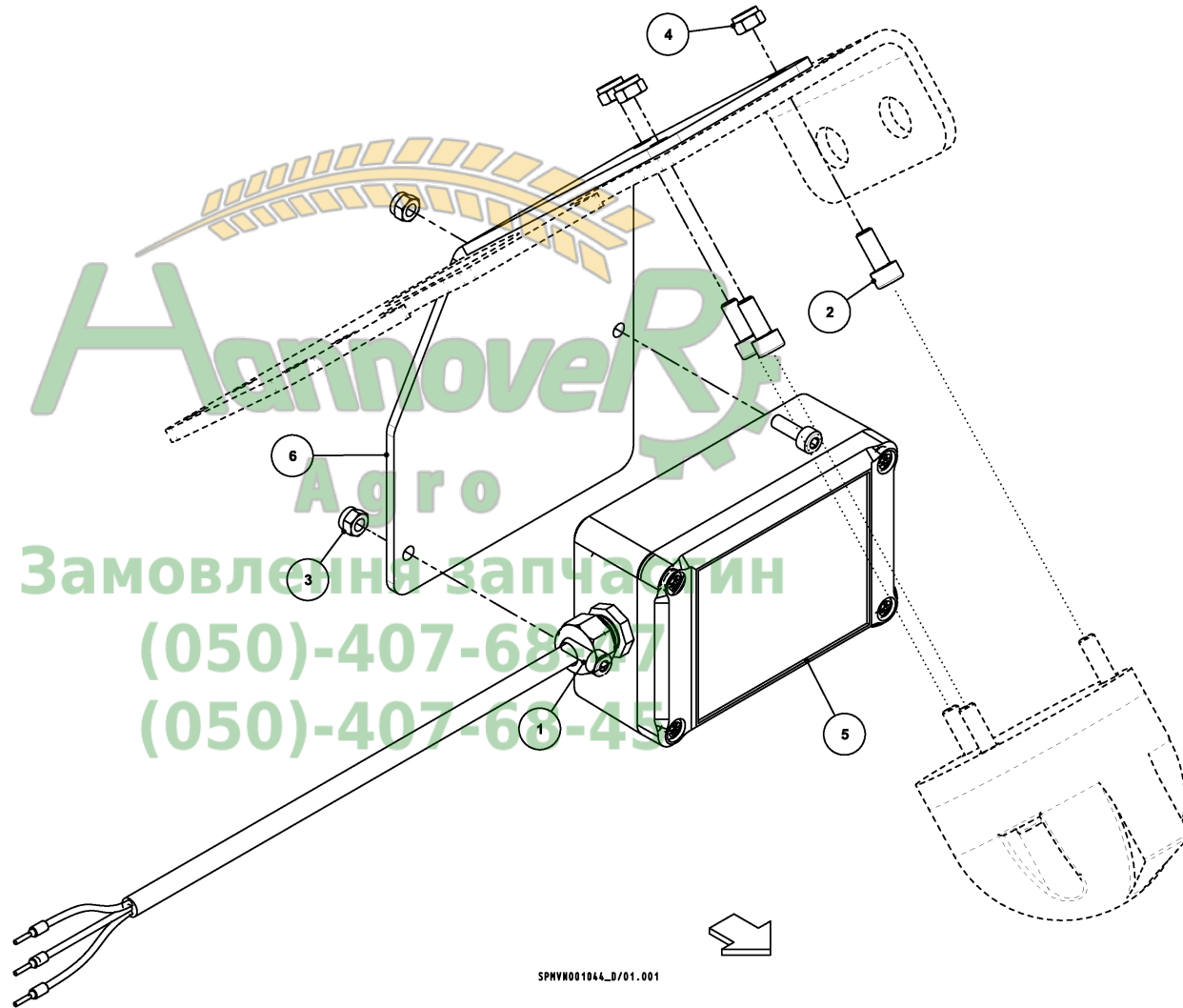
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A138236730

RO-M GEO / ELECTRONICS



PosNo.	Part No.	Qty.
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2	KG00562500	3
3	KG01069600	2
4	KG01069700	3
5	MT00002819	1
6	VNB5055402	1



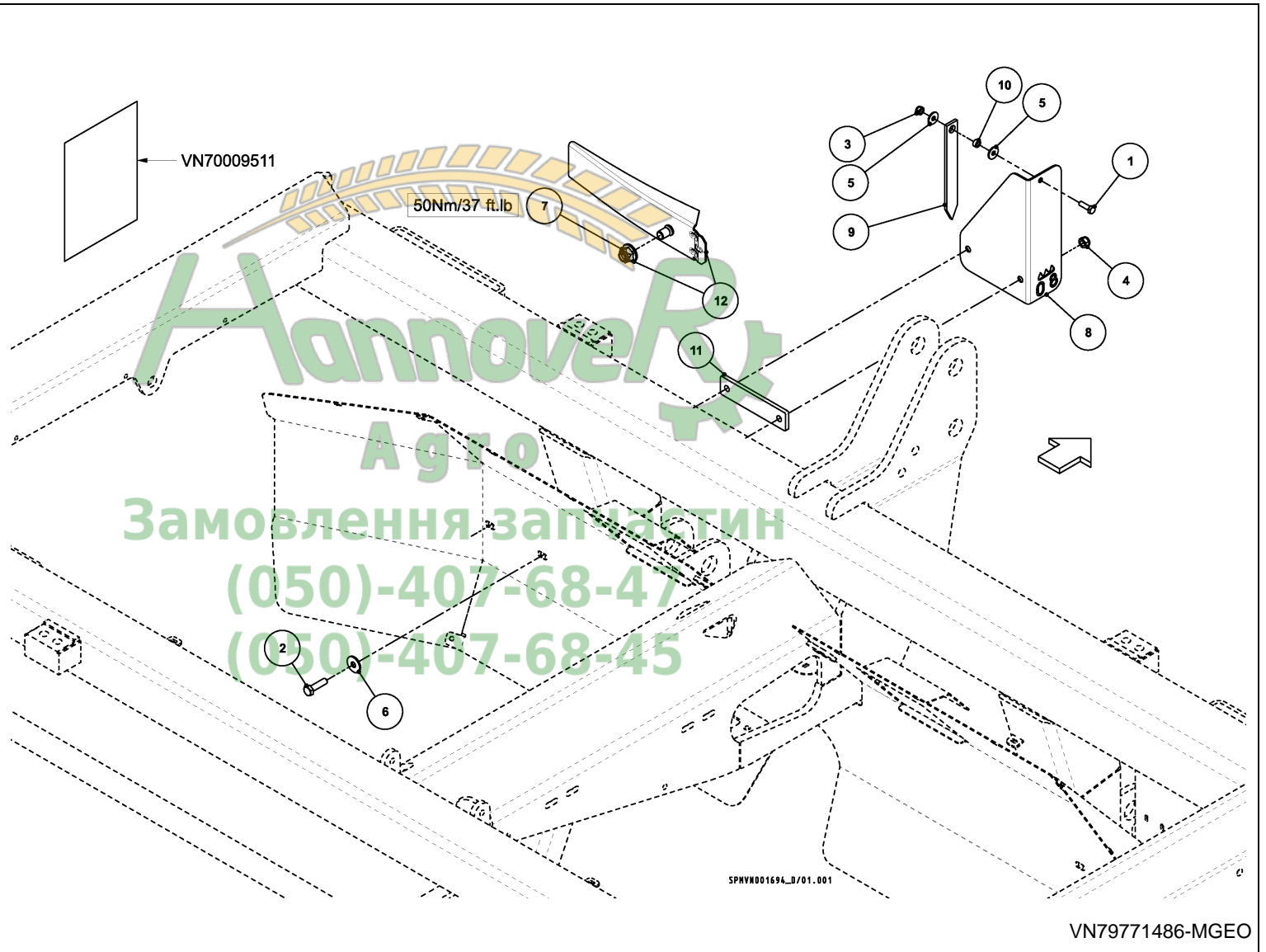
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RO-M GEO / 28 M/92 FT KIT



PosNo.	Part No.	Qty.
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3	KG01069800	1
4	KG01069900	2
5	KG01901300	2
6	KG01901400	2
7	VN30105200	4
8	VNB2003102	1
9	VNB2003294	1
10	VNB2003302	1
11	VNB4530594	1
12	VNB4956178	4



RO-M GEO / FEELER GAUGE



PosNo.	Part No.	Qty.
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2	VNB1754278	1



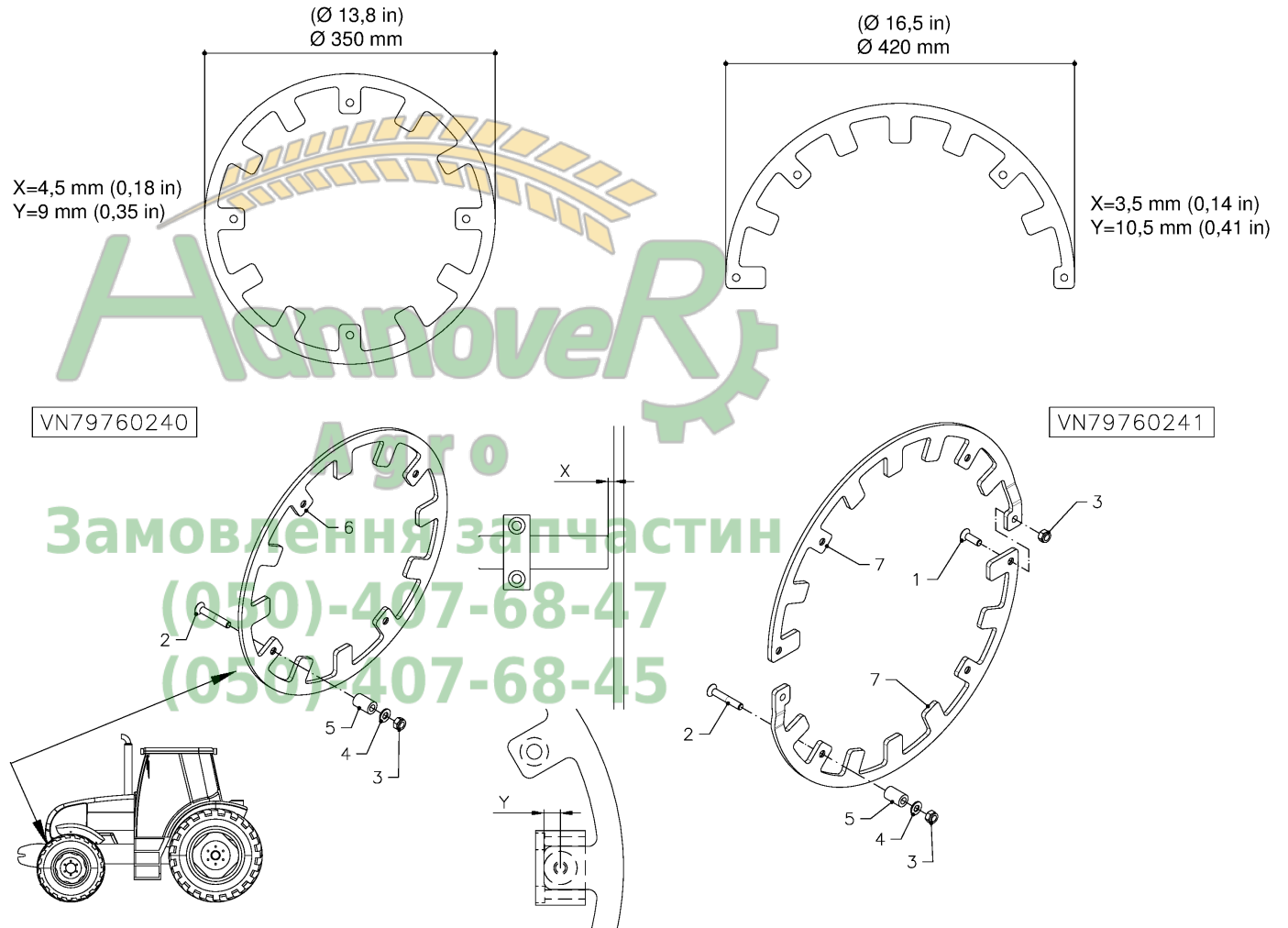
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VN79770216-01

RO-M GEO / WHEELRINGS



PosNo.	Part No.	Qty.
1	KG00871700	2
2	KG00872200	4
3	KG01069900	6
4	KG01263900	4
5	VNB1153493	4
6	VNB1517586	1
7	VNB2928086	2



VN79760240-0241

RO-M GEO / GPS SPEED SENSOR



PosNo.	Part No.	Qty.
1	VN79895978	1
2	VNB0305973	1



SPHV000983_D/01.001

VN79895978-VNB0305973

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A100014562	6	1	A138235894	5	4	KG00495100	23	2	KG00712400	16	4
A136026300	11	1	A138235994	5	5	KG00495200	27	1	KG00738100	1	5
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A136081500	11	4	A138236402	2	3	KG00496900	11	7	KG00738100	16	5
A136081700	11	5	A138266702	6	4	KG00496900	25	9	KG00738100	19	4
A138083578	6	2	A138310165	6	5	KG00497100	5	7	KG00738100	20	4
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A138135402	24	3	A138310865	6	8	KG00497200	16	1	KG00739600	17	2
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A138155202	19	1	A138313594	24	5	KG00497200	27	2	KG00746800	24	10
A138155402	19	2	A138313694	24	6	KG00497600	10	7	KG00746800	25	11
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KG01069700	18	3	KG01070000	25	15	KG01901400	16	13	MT00002819	26	5
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VNB4451298	21	11	VNB4956178	9	21			
VNB4451398	21	12	VNB4956178	27	12			
VNB4451498	21	13	VNB4975278	20	15			

AANHAALMOMENTEN / TORQUES / ANZUGSMOMENTE / COUPLES DE SERRAGE / PARES DE APRIETE / BINÁRIOS DE APERTO / MOMENTI DI TORSIONE / MEGHÚZÁSI NYOMATÉKOK

NL Richtlijnen voor aanhaalmomenten in **Nm (ft.lb)** voor zelfborgende moeren, zeskantbouten en moeren.
DE Richtlinien für Anzugsmomente in **Nm (ft.lb)** für selbstsichernde Muttern, Sechskantschrauben und -mutter.
ES Directrices para los pares de apriete en **Nm (ft.lb)** para las tuercas autoblocantes, los tornillos hexagonales y las tuercas.
IT Direttive per momenti di torsione espressi in **Nm (ft.lb)** per dadi autobloccanti, bulloni esagonali e dadi.

EN Guidelines for torques in **Nm (ft.lb)** for self-locking nuts, hexagon bolts and nuts.
FR Directives pour les couples de serrage en **Nm (ft.lb)** pour écrous à autobloquants, boulons à six pans et écrous.
PT Directrizes para os binários de aperto em **Nm (ft.lb)** para porcas autobloqueadoras, parafusos hexagonais e porcas.
HU Előírt meghúzási nyomatékok **Nm-ben (ft.lb)** az önzáró anyákhoz, hatlapfejű csavarokhoz és anyákhoz

Kwaliteit / Quality / Qualität / Qualité / Calidad / Qualidade / Qualità / Minőség	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 / Súrlódás *	0,10		0,13		0,10		0,13		0,10		0,13		0,10		0,13	
Schroefdraad / Thread / Gewinde / Filetage Rosca / Filettatura / Menet	Nm	ft.lb	Nm	ft.lb	Nm	ft.lb	Nm	ft.lb	Nm	ft.lb	Nm	ft.lb	Nm	ft.lb	Nm	ft.lb
M5	1,7	1,3	2	1,5	5	4	6	4	7	5	9	6	8	7	10	7
M6	3	2	4	3	9	7	10	7	13	10	15	11	15	11	18	13
M8	8	6	9	7	21	15	25	18	31	23	36	27	36	27	42	31
M10	16	12	19	14	40	30	50	37	60	44	70	52	70	52	85	63
M12	27	20	32	24	70	52	85	63	105	77	120	89	120	89	145	107
M14	42	31	50	37	115	85	135	100	165	122	195	144	195	144	230	170
M16	65	48	76	56	175	129	210	155	260	192	300	221	300	221	350	258
M18	90	66	110	81	250	185	290	214	350	258	420	310	410	303	490	362
M20	125	92	150	111	350	258	420	310	500	369	600	443	580	428	700	517
M22	170	125	200	148	470	347	560	413	670	494	800	590	780	576	930	686
M24	210	155	250	185	600	443	710	524	860	635	1020	753	1000	738	1180	871

- * **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 Ersatzteilheft 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 crnelée, 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 tornillos 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 fundado, às superfícies temperadas, às roscas emassadas etc. O coeficiente de 0.13 às superfícies secas. As exceções a este quadro estão mencionadas na nomenclatura das peças e/ou no manual de instruções. Os binarios 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%.
- * **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.

TILSTRAMMINGSMOMENTER / TILSPÆNDINGSMOMENTER/ VRIDMOMENT / VÄÄNTÖMOMENTIT / MOMENTY OBROTOWE / UTAHOVACÍ MOMENTY / PRIVIJALNI MOMENTI / MOMENTE DE TORSIUNE

DA Retningslinier for tilspændingsmomenter i **Nm (ft.lb)** for selvåsende møtrikker, sekskantbolte og møtrikker.

SV Anvisningar för vridmoment i **Nm (ft.lb)** för självåsende muttrar, sexkantiga bultar och muttrar.

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

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

NO Retningslinjer for tilstrammingsmomenter i **Nm (ft.lb)** for selvåsende muttere, sekskantbolter og muttere.

FI Väätömomentteja koskevat ohjeet **Nm (ft.lb)** itsevarmistaville muttereille, kuusioruuveille ja -muttereille.

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

RO Prevederi privind momentele de torsiune **Nm (ft.lb)** pentru piulițele cu autoblocare, șuruburile și piulițele hexagonale.

Kvalitet / Laatu / Jakość / Jakost / Kvaliteta / Calitate	4.6				8.8				10.9				12.9			
	0,10		0,13		0,10		0,13		0,10		0,13		0,10		0,13	
Friktion / Friksjon / Kitka / Tarcie / Třeni / Trenje / Frezare *	0,10		0,13		0,10		0,13		0,10		0,13		0,10		0,13	
Gevind / Skruegjenge / Gänga / Kierre / Gwint / Závít / Navoj / Filet	Nm	ft.lb	Nm	ft.lb	Nm	ft.lb	Nm	ft.lb	Nm	ft.lb	Nm	ft.lb	Nm	ft.lb	Nm	ft.lb
M5	1,7	1,3	2	1,5	5	4	6	4	7	5	9	6	8	7	10	7
M6	3	2	4	3	9	7	10	7	13	10	15	11	15	11	18	13
M8	8	6	9	7	21	15	25	18	31	23	36	27	36	27	42	31
M10	16	12	19	14	40	30	50	37	60	44	70	52	70	52	85	63
M12	27	20	32	24	70	52	85	63	105	77	120	89	120	89	145	107
M14	42	31	50	37	115	85	135	100	165	122	195	144	195	144	230	170
M16	65	48	76	56	175	129	210	155	260	192	300	221	300	221	350	258
M18	90	66	110	81	250	185	290	214	350	258	420	310	410	303	490	362
M20	125	92	150	111	350	258	420	310	500	369	600	443	580	428	700	517
M22	170	125	200	148	470	347	560	413	670	494	800	590	780	576	930	686
M24	210	155	250	185	600	443	710	524	860	635	1020	753	1000	738	1180	871

* **DA** Friktionskoefficienten på 0,10 gælder for smurte flader, støbejern, hærdede 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 møtrikker med en riflet underside, som Tensilock (K100) og Whizlock, skal der tilføjes 10% ekstra.

* **NO** Friksjonskoeffisienten på 0,10 gjelder for smurt plate, støpejern, herdete 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.

* **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 reservedels- och/eller instruktionsboken. Åtdragningsmoment för räfflade bultar och muttar, som Tensilock och Whizlock 10% extra.

* **FI** Kitkakerroin 0,10 koskee öljytyyjä pintoja, valurautaa, karkaistuja pintoja, rasvattuja kierteitä jne. Korkeampi arvo 0,13 koskee kuivia pintoja. Poikkeukset tästä taulukosta löytyvät varaosaletisistä ja/tai käyttöohjeista. Ruuvien ja muttereiden, joissa on pyälletty alapuoli, kuten Tensilock ja Whizlock, väätömomentteihin lisätään 10 %.

* **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 závít 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.

* **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%.

* **RO** Coeficientul de frecare de 0,10 este valabil în cazul suprafețelor lubrificate, fontei, suprafețelor întărite, filetelor lubrificate etc. Valoarea mai mare, de 0,13, este valabilă pentru suprafețe uscate. Excepțiile de la valorile descrise în acest tabel sunt menționate în manualul cu privire la componente sau în manualul de instrucțiuni. Momentele de torsiune pentru șuruburi și piulițe cu partea inferioară canelată, de exemplu Tensilock și Whizlock - 10% în plus.

МОМЕНТ ЗАТЯГИВАНИЯ / PÖÖRDEMOMENDID / SUKIMO MOMENTAI / PIEVILKŠANAS GRIEZES MOMENTA VĒRTĪBAS

RU Указания для моментов затягивая в **Nm (ft.lb)** для самоблокирующихся гаек, шестигранных болтов и гаек. **ET** Iselukustuvate mutrite, kuuskantpoltide ja mutrite soovituslikud pöördemomendid **Nm (ft.lb)**.

LT Nurodymai dėl savaimė fiksuojamų, šešiakampių varžtų ir veržlių sukimo momentų **Nm (ft.lb)**.

LV Vadlīnijas pašbloķējošu uzgriežņu, sešskaldņu skrūvju un uzgriežņu pievilksanas griezes momenta vērtībām **Nm (ft.lb)**.

Качество / Kvaliteet / Kokybė / Kvalitāte	4.6				8.8				10.9				12.9			
	0,10		0,13		0,10		0,13		0,10		0,13		0,10		0,13	
Трение / Hõõrdetegur / Trintis / Berze *																
Резьба / Keere / Sriegis / Vītne	Nm	ft.lb	Nm	ft.lb	Nm	ft.lb	Nm	ft.lb	Nm	ft.lb	Nm	ft.lb	Nm	ft.lb	Nm	ft.lb
M5	1,7	1,3	2	1,5	5	4	6	4	7	5	9	6	8	7	10	7
M6	3	2	4	3	9	7	10	7	13	10	15	11	15	11	18	13
M8	8	6	9	7	21	15	25	18	31	23	36	27	36	27	42	31
M10	16	12	19	14	40	30	50	37	60	44	70	52	70	52	85	63
M12	27	20	32	24	70	52	85	63	105	77	120	89	120	89	145	107
M14	42	31	50	37	115	85	135	100	165	122	195	144	195	144	230	170
M16	65	48	76	56	175	129	210	155	260	192	300	221	300	221	350	258
M18	90	66	110	81	250	185	290	214	350	258	420	310	410	303	490	362
M20	125	92	150	111	350	258	420	310	500	369	600	443	580	428	700	517
M22	170	125	200	148	470	347	560	413	670	494	800	590	780	576	930	686
M24	210	155	250	185	600	443	710	524	860	635	1020	753	1000	738	1180	871

* **RU** Коэффициент трения в 0,10 относится к смазанным плитам, чугуноу, 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.

* **ET** Hõõrdetegur 0,10 kehtib õlitatud plaatide, valuraua, tugevdatud pindade, määrdega keermete jne kohta. Kõrgem väärtus 0,13 kehtib kuivadele plaatidele. Erinevused sellest tabelist on kirjas osade nimistus ja/või kasutusjuhendis. Rihveldatud alaosa poltide ja mutrite, näiteks Tensilock ja Whizlock, pöördemomendid on 10% suuremad.

* **LT** Trinties koeficientas 0,10 taikomas suteptiems lakštams, ketui, grūdintiems paviršiams, suteptiems sriegiams ir t.t. Didesnė vertė (0,13) taikoma sausai skardai. Šios lentelės išimty nurodytos dalių knygelėje ir (arba) instrukcijoje. Varžtų ir veržlių su sraigine įraiža (pvz., „Tensilock“ ir „Whizlock“) sukimo momentai didesni 10 %.

* **LV** Berzes koeficients 0,10 attiecas uz eļļotām plāksnēm, čugunu, rūdītām virsmām, eļļotām vītņēm utt. Augstāks koeficients 0,13 attiecas uz sausām plāksnēm. Atkāpes no tabulā norādītājām vērtībām ir norādītas rezerves daļu sarakstā un/vai rokasgrāmatā. Skrūvju un uzgriežņu ar rievotu apakšējo daļu pievilksanas griezes momenta vērtības jāpalielina par papildu 10 %.



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