

MARS

Intercity Bus

Built on VOLVO B8R



Spare Parts Catalog

MARS 13m

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CHAPTER 1

PARTS LIST

1.1 SCOPE

This chapter depicts, by the use of isometric drawings, the Project Name System Full Name and all its components. The chapter also includes tables that list each part number (P/N), manufacturer part number (MFG), the part description and the quantity of the part within the higher-level assembly.

1.2 VALID FOR:

VIN number	VIN number
YV3T7U521MA205421	YV3T7U520MA205605
YV3T7U523MA205422	YV3T7U524MA205607
YV3T7U525MA205423	YV3T7U526MA205608
YV3T7U527MA205424	YV3T7U524MA205610
YV3T7U529MA205425	YV3T7U526MA205611
YV3T7U520MA205426	YV3T7U525MA205616
YV3T7U522MA205427	YV3T7U527MA205617
YV3T7U524MA205428	YV3T7U529MA205618
YV3T7U526MA205429	YV3T7U520MA205619
YV3T7U522MA205430	YV3T7U527MA205620
YV3T7U524MA205431	YV3T7U528MA205643
YV3T7U526MA205432	YV3T7U52XMA205644
YV3T7U528MA205433	YV3T7U521MA205645
YV3T7U52XMA205434	YV3T7U523MA205646
YV3T7U521MA205435	YV3T7U523MA205680
YV3T7U521MA205483	YV3T7U525MA205681
YV3T7U523MA205484	YV3T7U527MA205682
YV3T7U525MA205485	YV3T7U526MA205706
YV3T7U527MA205486	YV3T7U528MA205707
YV3T7U529MA205487	YV3T7U52XMA205708
YV3T7U520MA205488	YV3T7U521MA205709
YV3T7U522MA205489	YV3T7U528MA205710
YV3T7U529MA205490	YV3T7U52XMA205711
YV3T7U520MA205491	YV3T7U521MA205712
YV3T7U522MA205492	YV3T7U525MA205714
YV3T7U529MA205604	

Exterior		MARS INTERCITY BUS VOLVO B8R chassis	 MERKAVIM Merkavim Transportation Technologies Ltd.
Front			
Draw. No. 1			

Bus sections

1 Exterior front



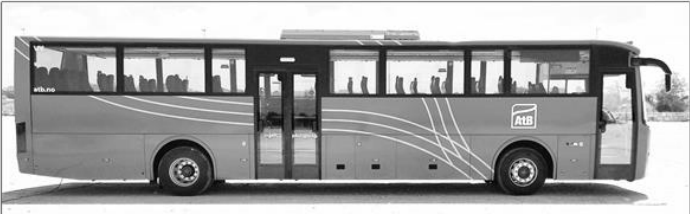
2 Exterior back



3 Exterior left



4 Exterior right



5 Interior – driver area

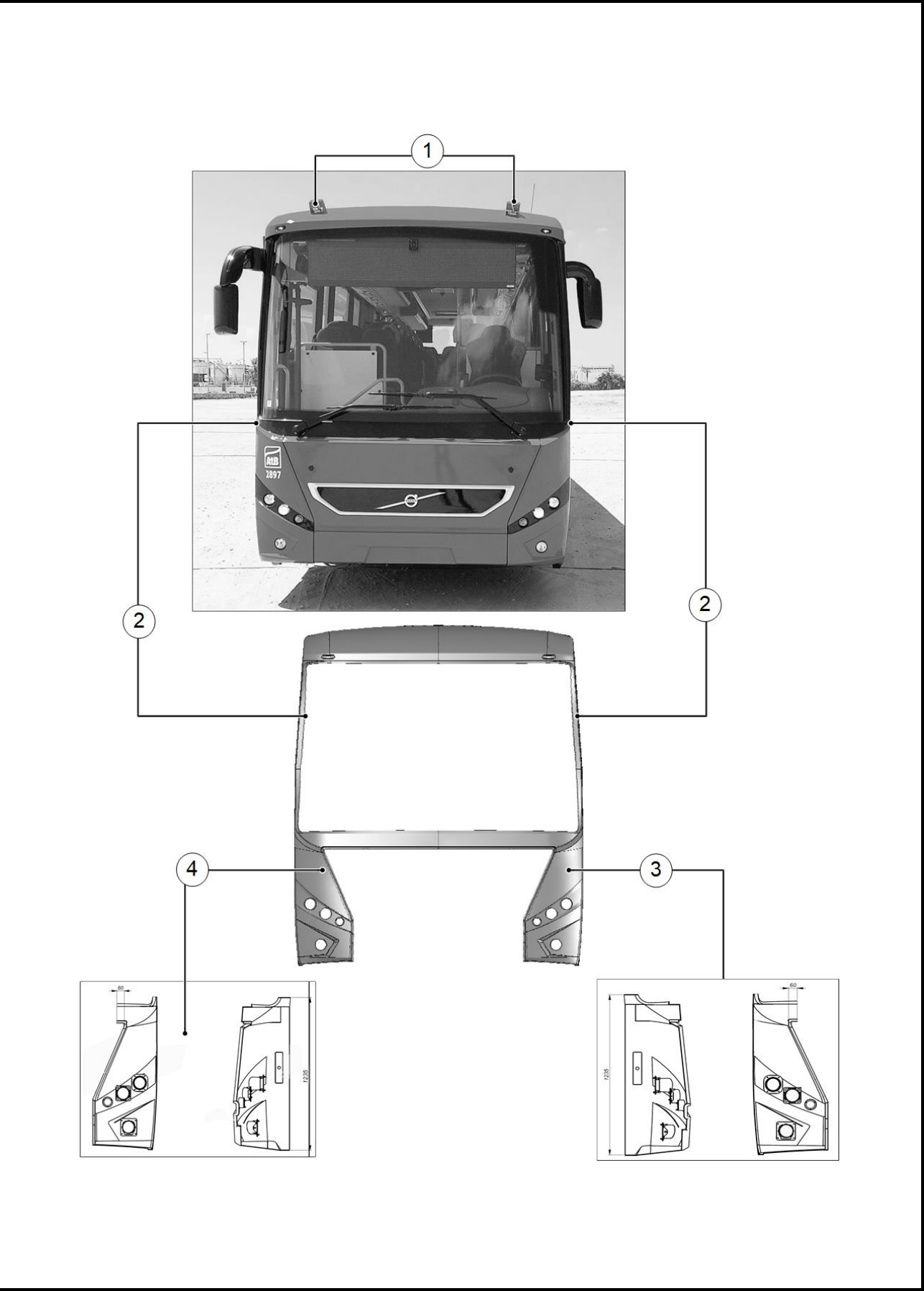


6 Interior – passenger compartment



Bus sections

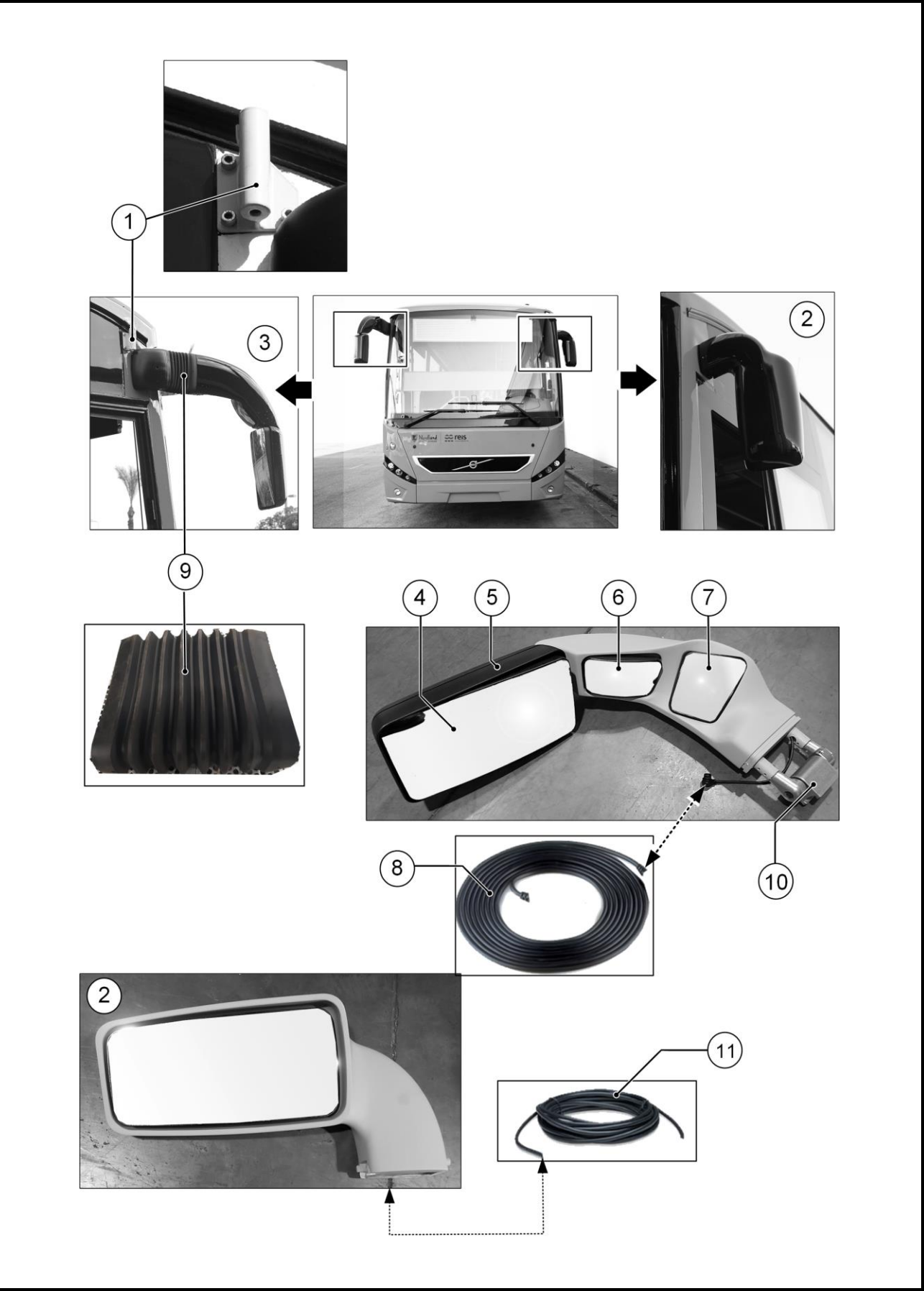
No.	Description	page	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Exterior front	4				
2	Exterior back	20				
3	Exterior left	24				
4	Exterior right	64				
5	Interior – driver area	96				
6	Interior – passengers compartment	140				



 MARS INTERCITY BUS VOLVO B8R chassis	Exterior
	Front
	Draw. No. 2

Windscreen cover parts

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Projector base	V3492/11/911			2
2	Windscreen fiberglass cover	V7058/95/9575			1
3	Fiber, front left, Mars B8R, Norway	53-000000-000001			1
4	Fiber, front right Mars B8R, Norway	53-000000-000002			1

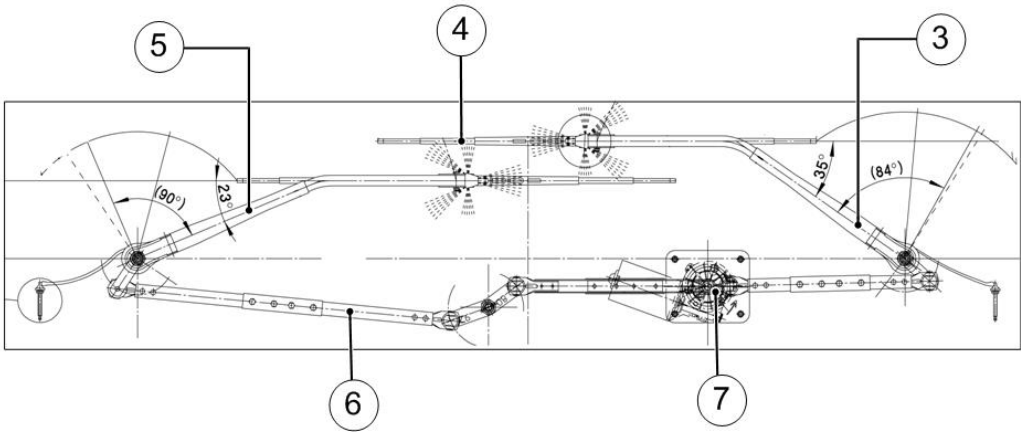


Exterior mirrors + flag support

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	KIT flag supportt	V3492/590			1
2	Mirror, EelectricalL & Heated, Left 273	53-707213-730401	MEKRA	59.2730.401	1
3	Complete mirror + Arm, 271 RH, Mekra	53-707213-710402	MEKRA	59.2710.402	1
4	Elec. heated mirror, glass, Mekra 731326	53-707213-731326	MEKRA	51.3731.326	1
5	Plastic cover for 271 Mekra mirror	53-707213-010524	MEKRA	11.3730.210	1
6	Glass, small mirror 711114 Mekra	53-707213-711114	MEKRA	15.2711.114	1
7	Glass, intermedia mirror 711114 Mekra	53-707213-712114	MEKRA	15.2712.114	1
8	Mounting wedge + 5M cable RH	53-707213-480217	MEKRA	20.2480.217	1
9	Mekra Rubber Cover, Mirrors,20271 LH/RH	53-707213-710200	MEKRA	20.2710.200	1
10	Adapter, Right Mirror, MERKA 2027101	53-707213-710121	MEKRA	20.2710.121	1
11	Mounting Wedge, 271 + 2.5M Control Cable	53-707213-710630	MEKRA	20.2710.630	1

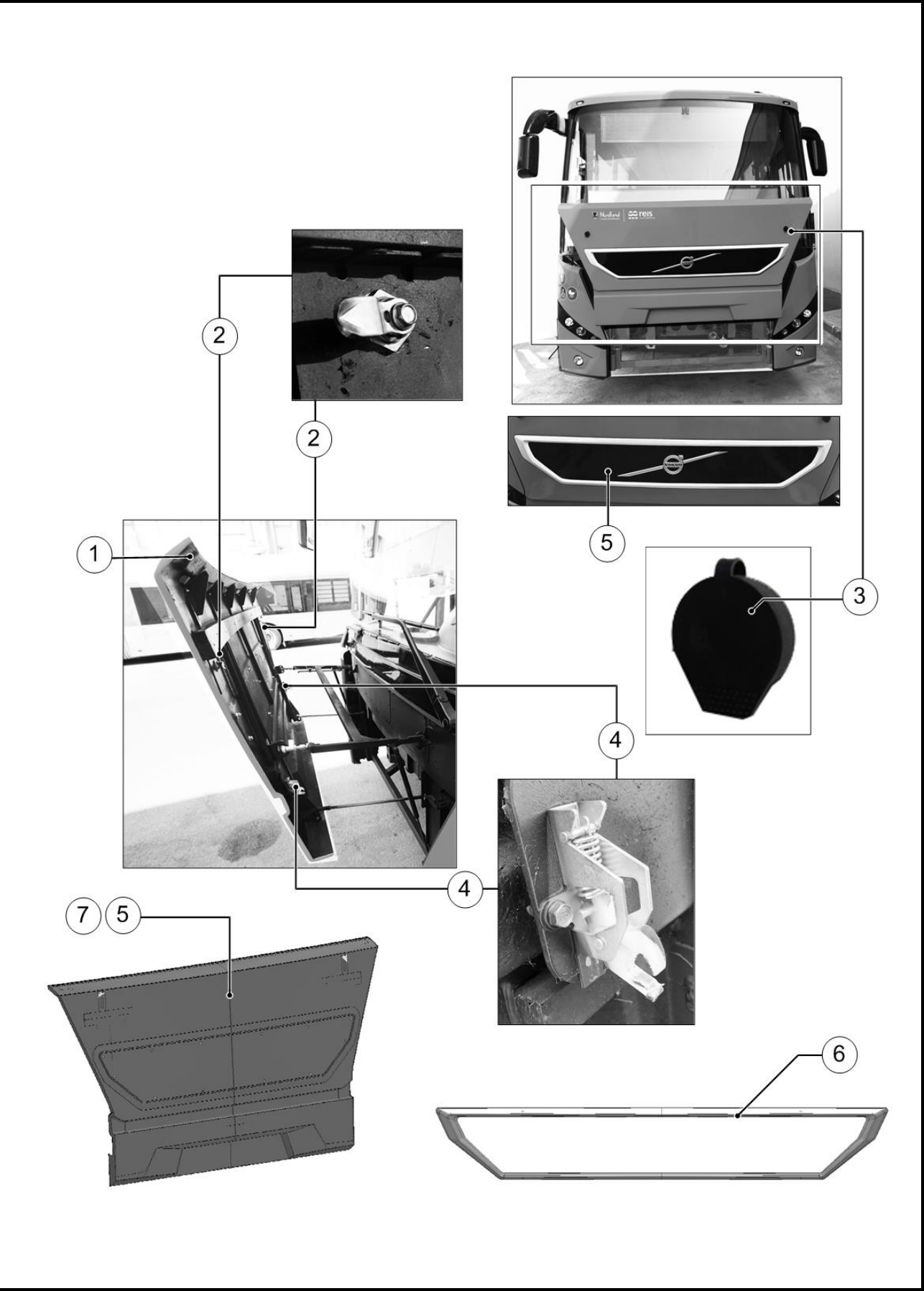


1



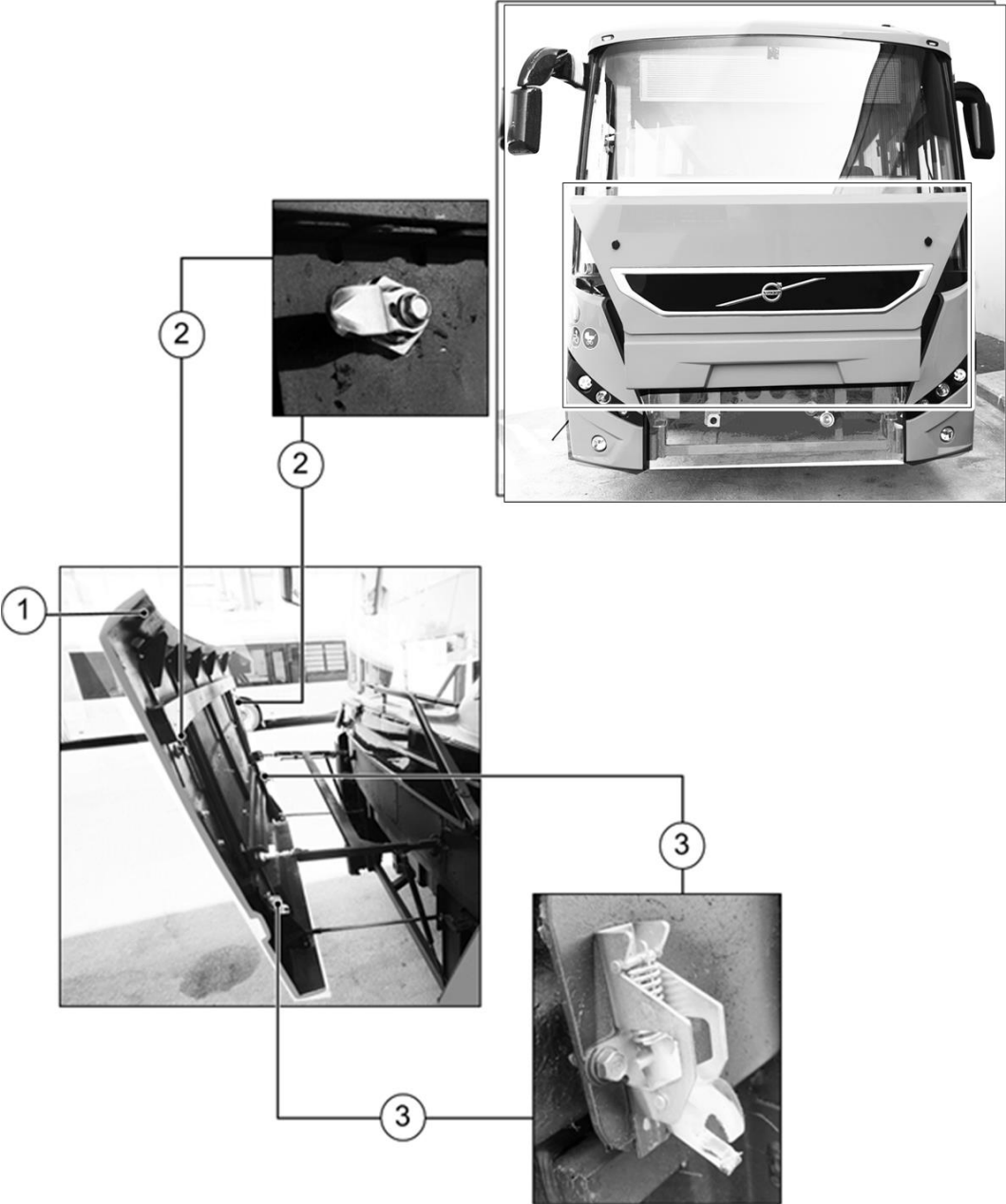
Windscreen wipers

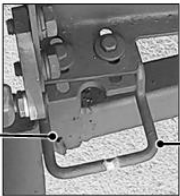
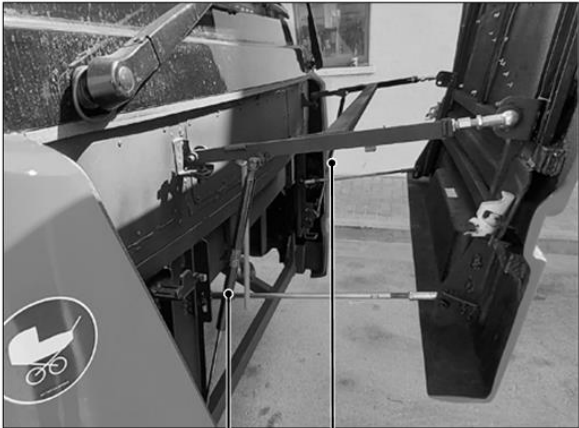
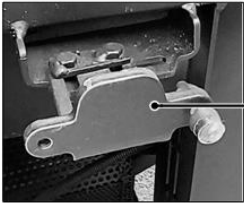
No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Front wipers set: Doga parts + hoses + T split	V7076/82/916			1
2	Complete wiper set, Mars, Doga	48-713484-873004	DOGA	249-2216-30-04	1
3	Wiper arm, right, Doga 120-3217-00-14	48-713481-020014	DOGA	120-6702-00-I4	1
4	Wiper blade Doga 136-2010-00-04	48-713481-100004	DOGA	1362010GA04	2
5	Wiper arm, left, Doga 120-3248-00-D4	48-713481-130004	DOGA	120-6713-00-D4	1
6	Linkage Assem. wiper Doga 140-2374-00-00	140-2374-00-00	DOGA	140-2320-00-00	1
7	Wiper motor type 259 DOGA 249-0003-30-00	48-713481-283000	DOGA	259-2728-30-00	1

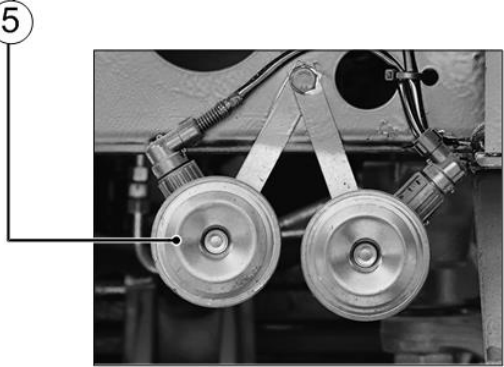
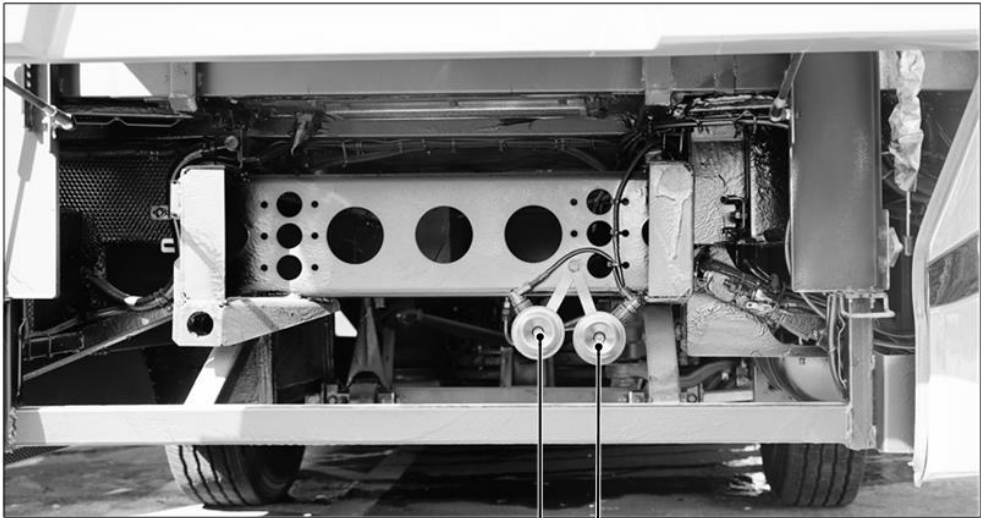
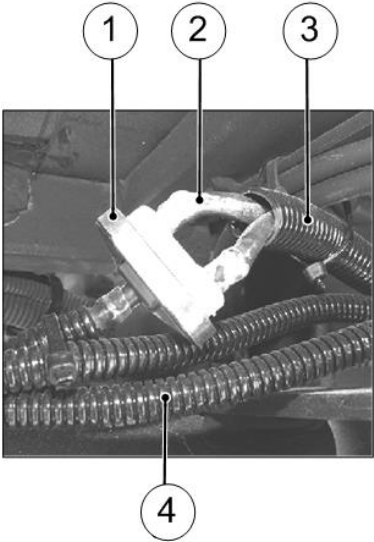


Front service compartment

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Complete front service hatch	V3492/20/946			1
2	EMKA rotary latch H24 AISI316	59-025253-602524	EMKA	P335-60839A	2
3	Grey dust caps	59-025253-100097			2
4	Spring lock for service door	59-025170-600568			2
5	Glued Mars Volvo front bumper hatch	V7058/96/9022			1
6	Mars Volvo front hatch decoration frame	V7058/96/9021			1
7	Front service compartment door-fiberglass	7058/96/020			1

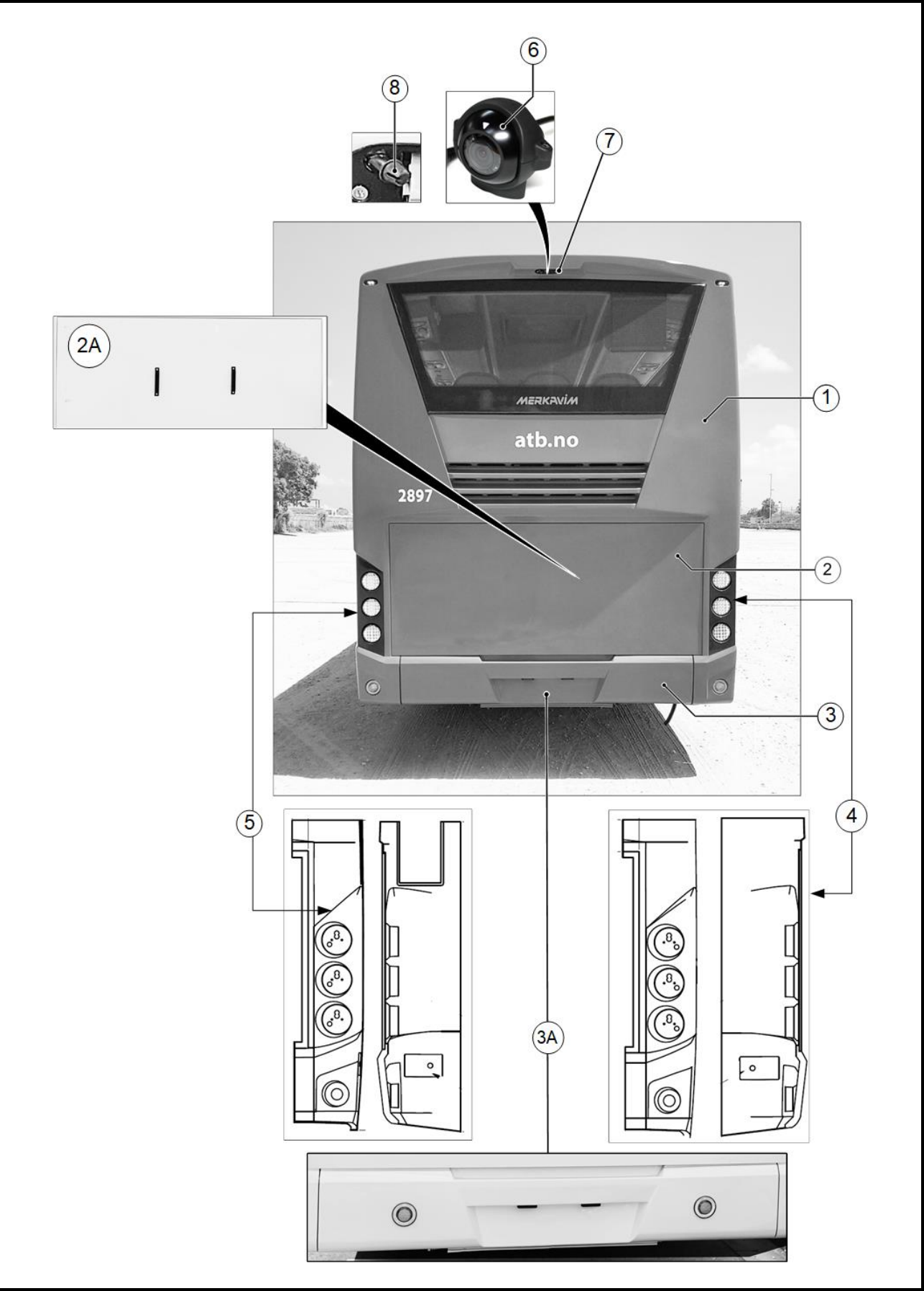






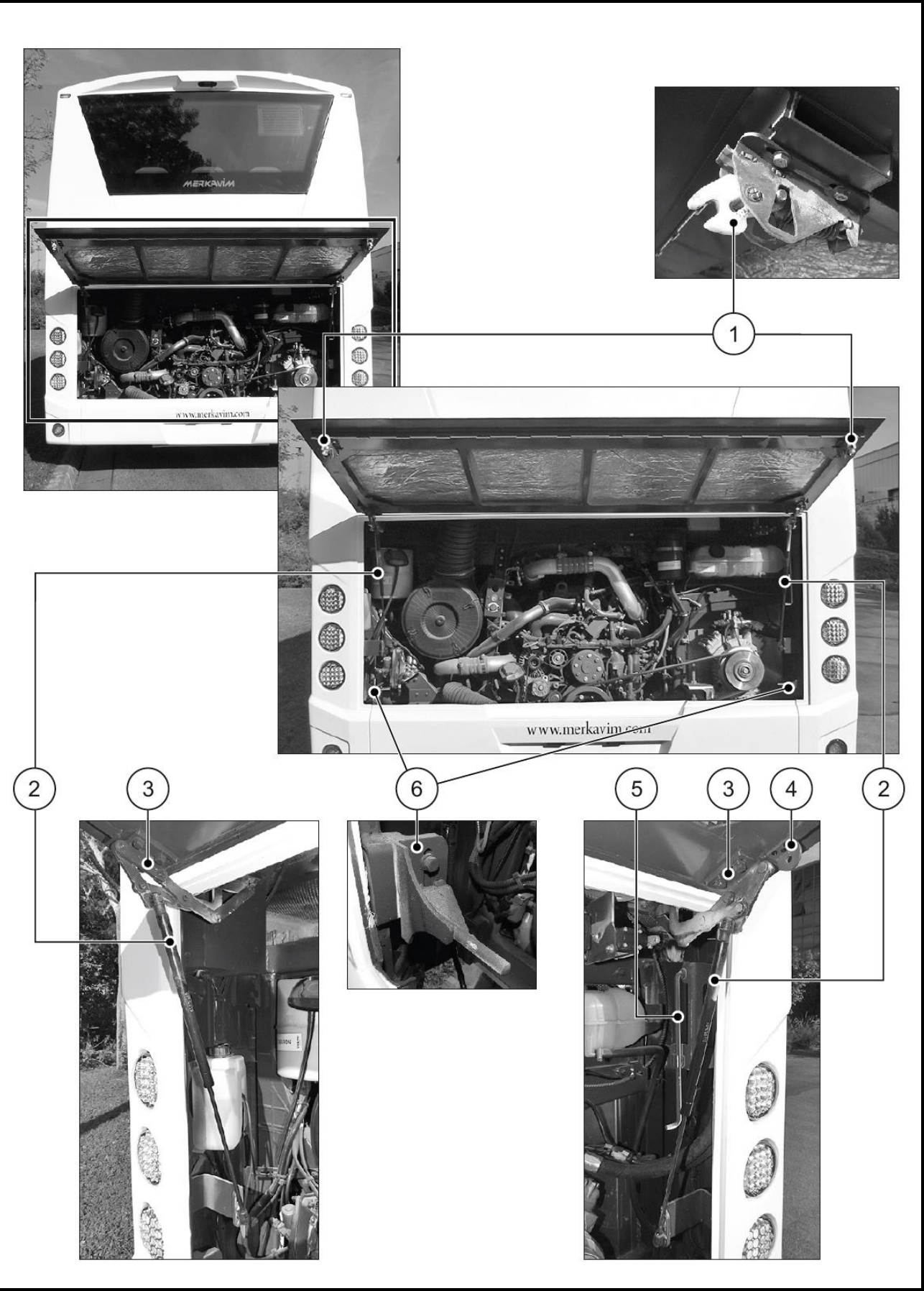
Front service compartment

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	T water connector	48-722201-000001	VOLVO		1
2	Wipper water pipe 4/6	63-218741-000416			
3	Threads pipe 10mm	20-001324-010000			
4	Threads pipe 7mm	20-001324-075000			
5	Electrical horn				2



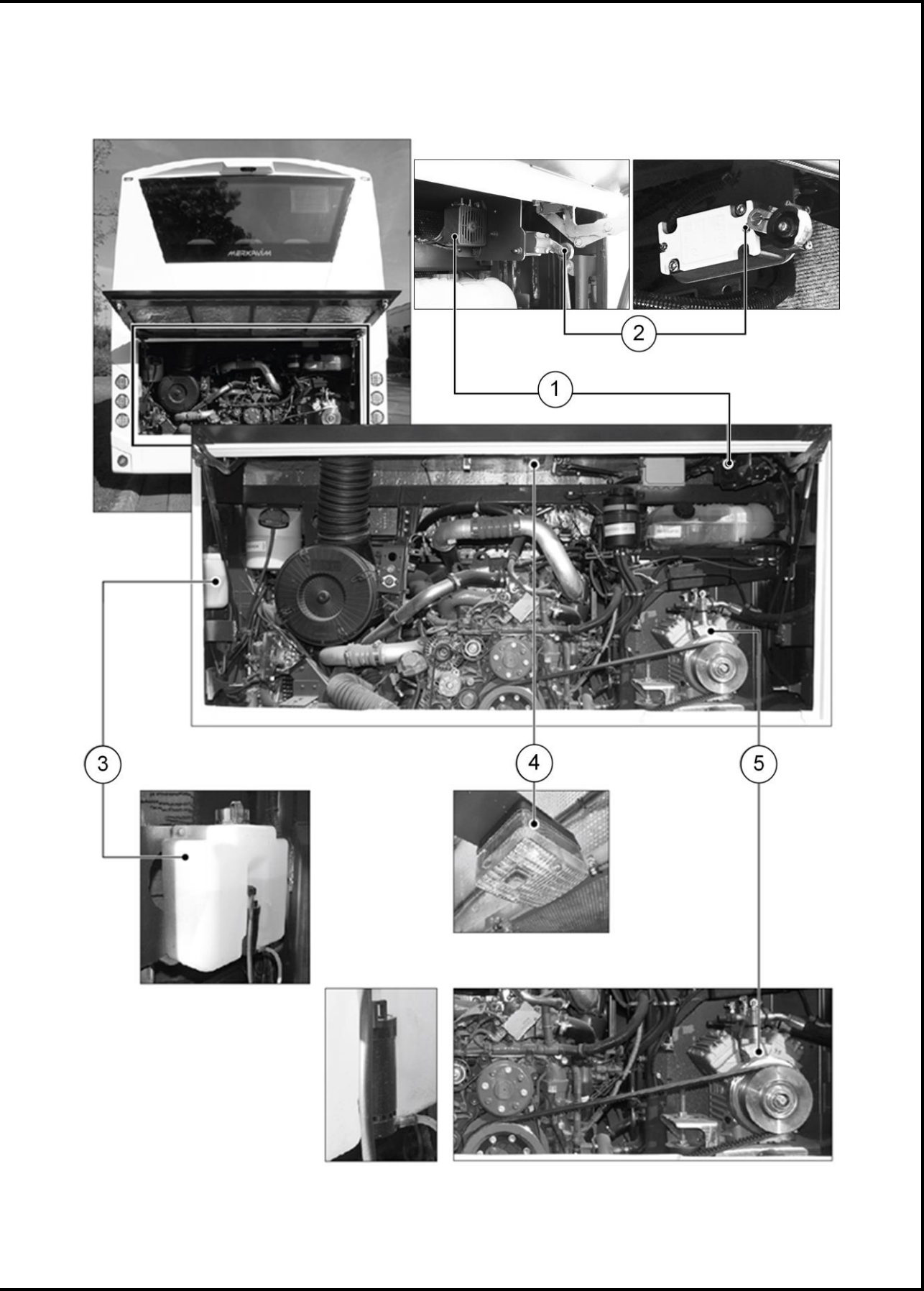
Rear wall

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Rear fiberglass wall	V7058/95/9577			1
2	Complete rear engine door	V3501/20/925			1
2A	*option - complete rear engine door with bike rack	V3492/20/920			1
3	Rear bumper Mars Norway	V7058/95/9578			1
3A	*option - Rear bumper with extra reverse light preperation	V7058/95/9573			1
4	Rear bottom right corner	53-000000-000003			1
5	Rear bottom left corner	53-000000-000004			1
6	MXN 22CW REVERS CAMERA IR	20-000625-022087	NEXT MXN	625022087	1
7	Reverse camera MXN22CW base	V3501/76/911			1
8	Head lamp Double water sprinkler	48-722201-507339	Doga	100-5703-39-00	1

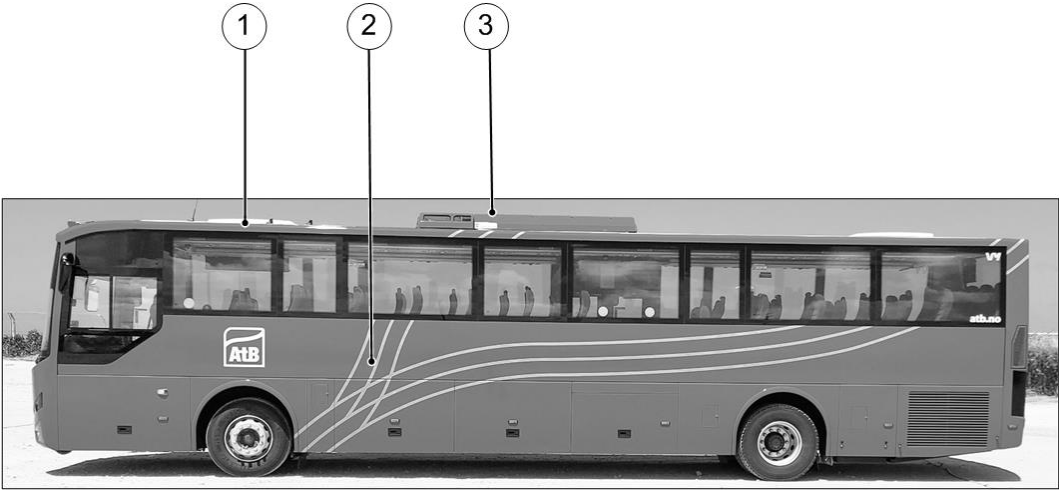


Rear engine compartment

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Rear engine door spring lock	59-025490-612931	PRIMA	P271-62238	2
2	Gas spring, Lift-O-Mat, 600N, L-585, 083933	40-407448-083933	Stabilus	083933 L585 600N	2
3	Scissor hinge59037180003312	V7020/82/977			2
4	Safety rod base	3384/20/101			1
5	Safety rod	V7020/82/962			1
6	Pin for rear door lock	V3391/08/937			2

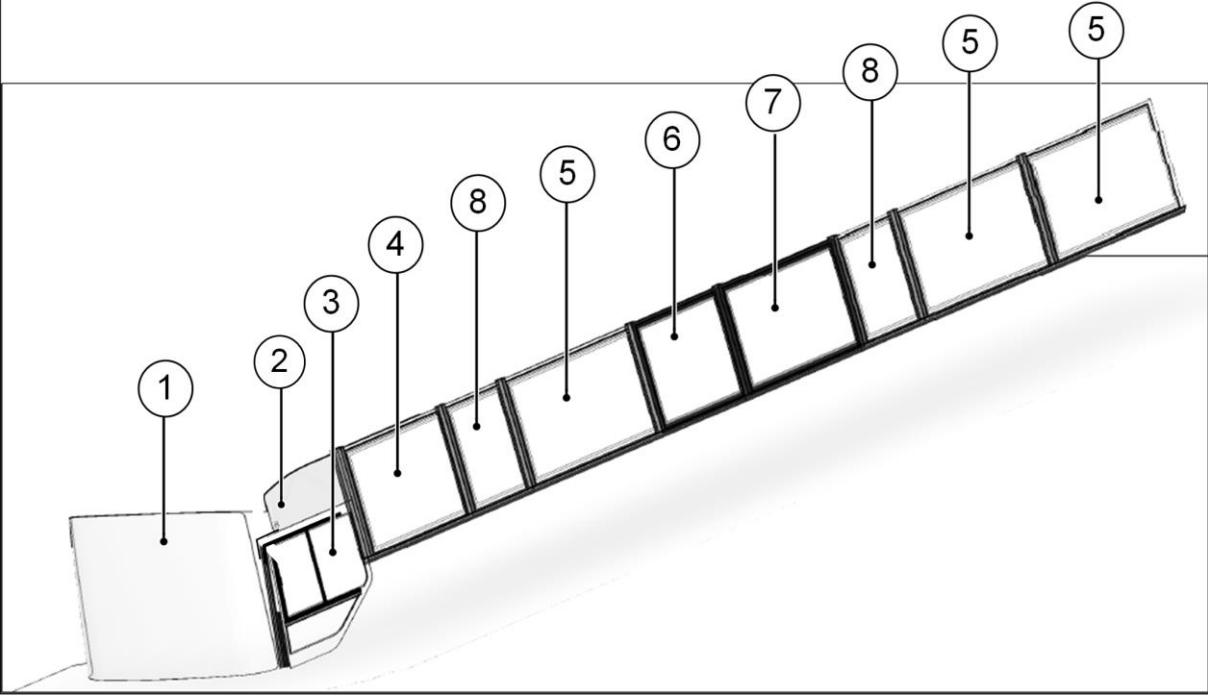


Exterior	 MARS INTERCITY BUS VOLVO B8R chassis  MERKAVIM Merkavim Transportation Technologies Ltd. Outer skin	
Left		
Draw. No. 12		



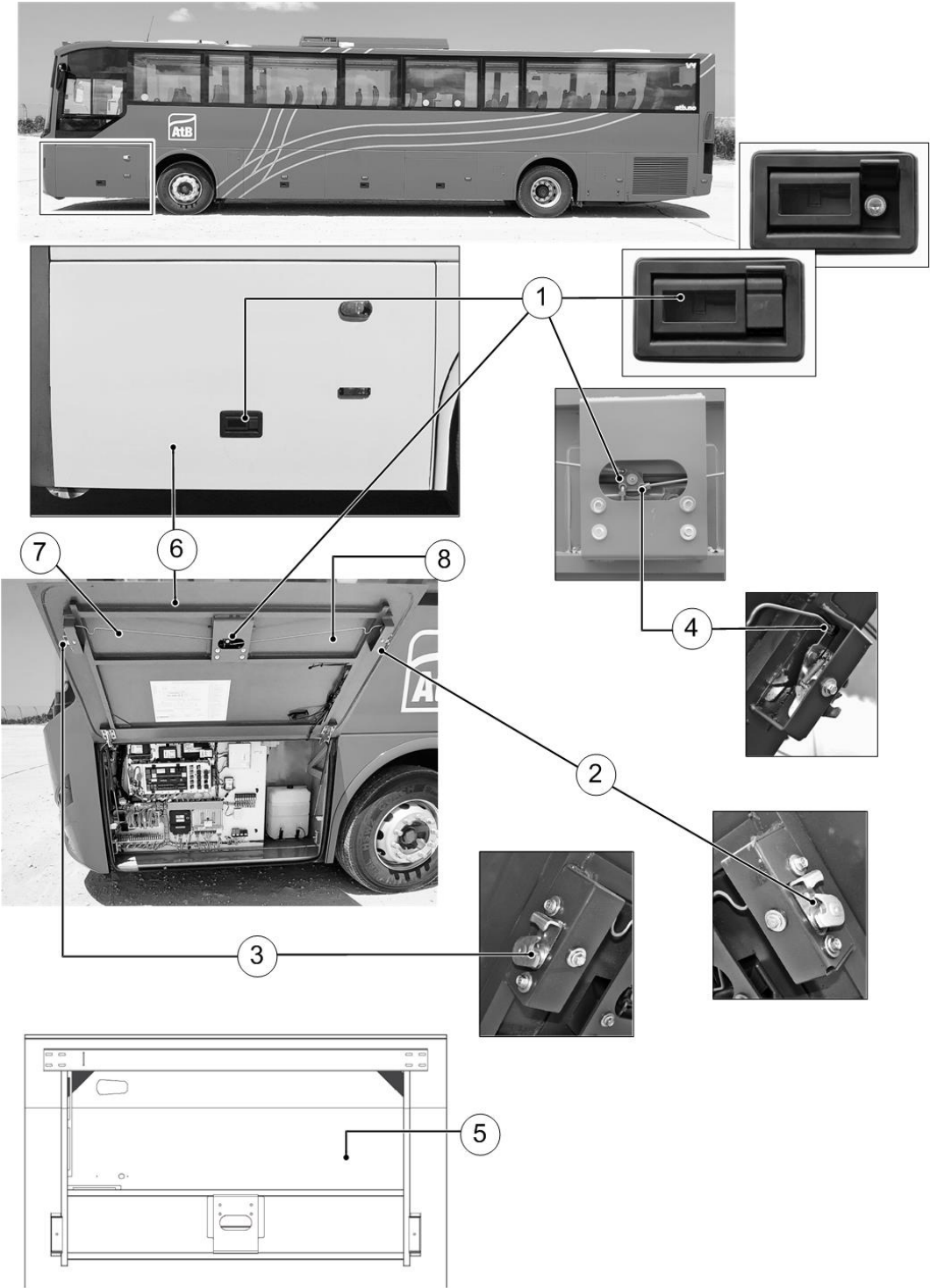
Outer skin

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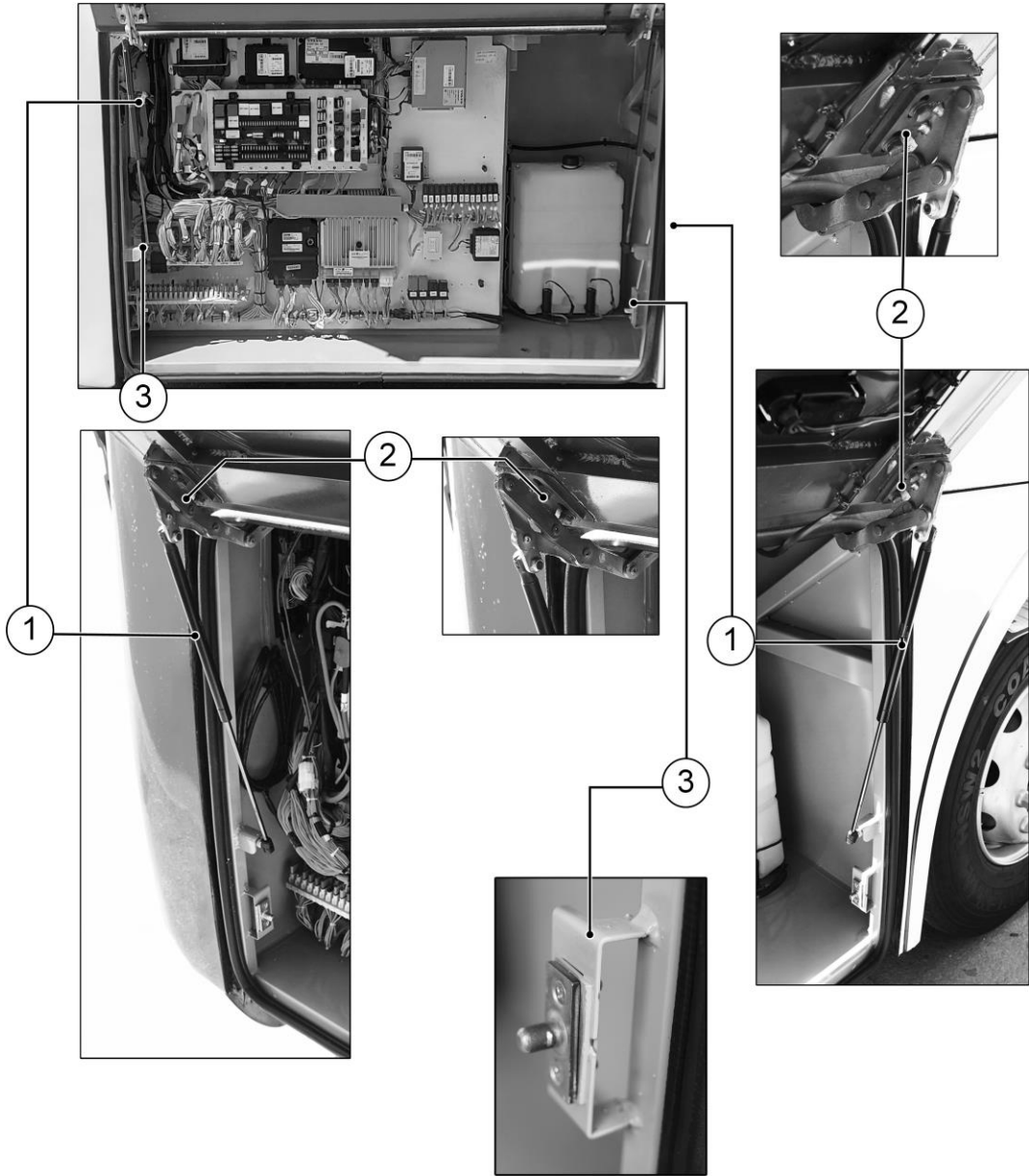
Side and front window

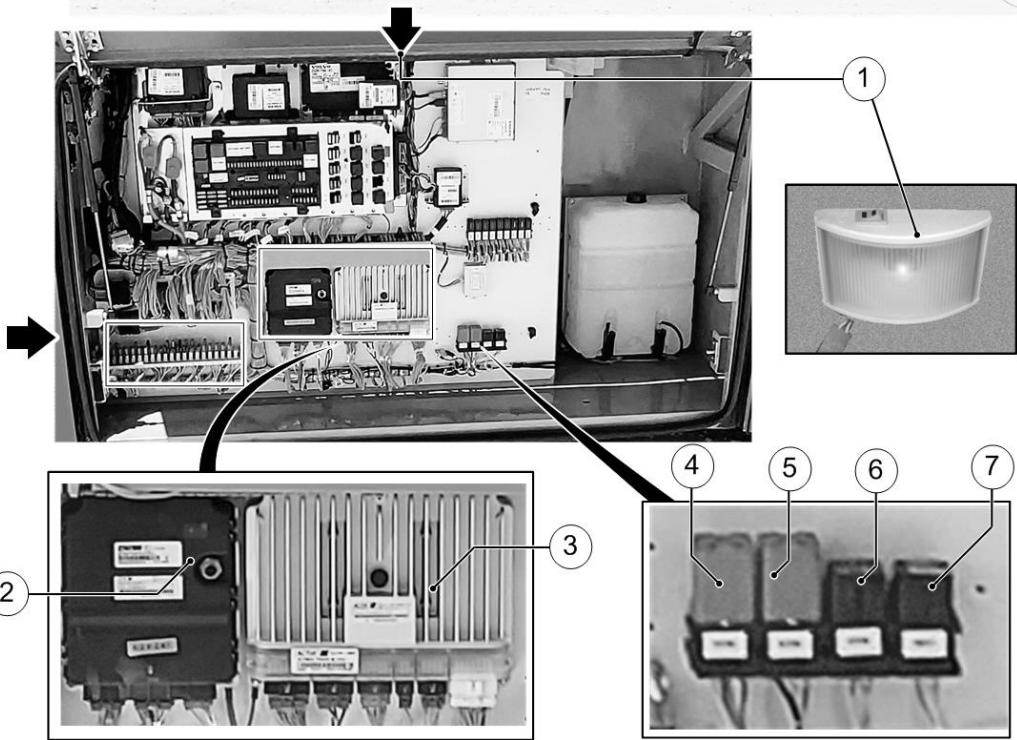
No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Front window	7019/82/150			1
2	5mm temper grey glass+blk prt 1042x452	7019/82/153			1
3	Drivers window double glassing	49-706000-249820	Ototrim		1
4	Double glass side window	49-706411-012401	Pilkington	1386X1045	1
5	Double glass side window	49-706411-012403	Pilkington	1725X1045	3
6	Double glass side window	49-706411-012400	Pilkington	1155X1045	1
7	Double glass side window	49-706411-012402	Pilkington	1540X1045	1
8	Double glass side window	49-706411-012399	Pilkington	796X1045	1



Main electrical box

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Door lock handle	58-772412-166119	PRIMA	P141J-66119B	1
2	Left spring lock	59-025253-001070	PRIMA	P70-51700	1
3	Right spring lock	59-025253-000070	PRIMA	P70-66940	1
4	Plastic connector	59-025253-000094			5
5	Main electrical box glued door	V3492/20/918			1
6	Complete electrical box door	V3492/20/917			1
7	Right actuator rod	3386/20/043			1
8	Left actuator rod	3386/20/042			1

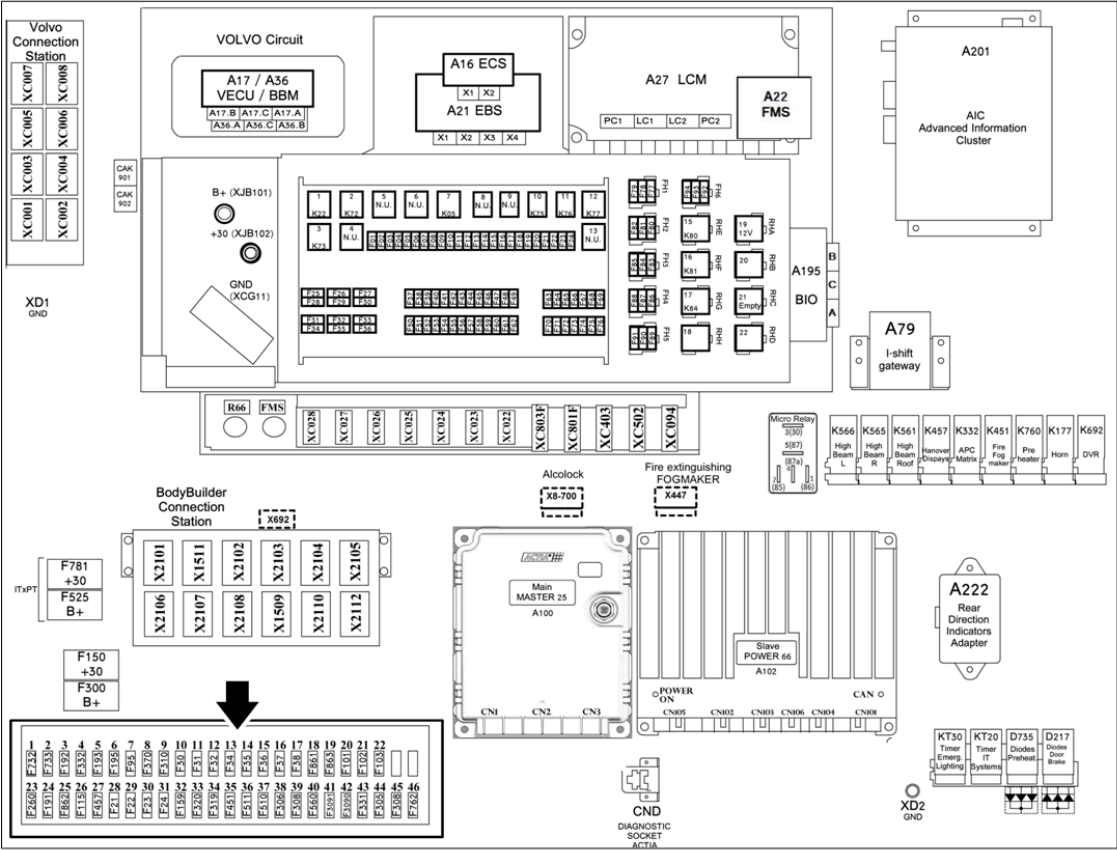




Main Electrical Box

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	LED light with switch	20-254000-000061	ERA	012-HLC21H1.LC	1
2	Main MASTER 100A	20-265000-966880			1
3	Slave POWER 66	20-265000-966221			1
4	KT30 Timer emerg. Lighting	20-000003-140530			1
5	KT20 Timer IT systems	20-000003-540520			1
6	D735 Diodes preheat	20-081259-270104			1
7	D217 Diodes door brake	20-081259-270005			1

*** May be semi-automatic or full automatic fuse

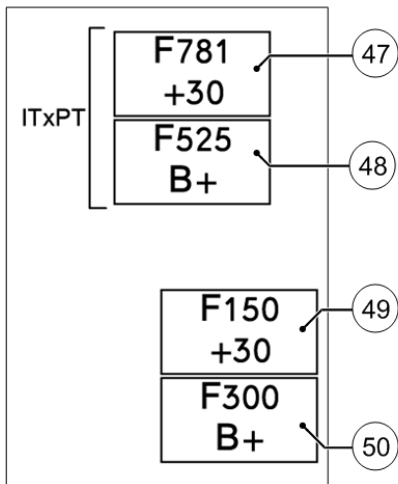
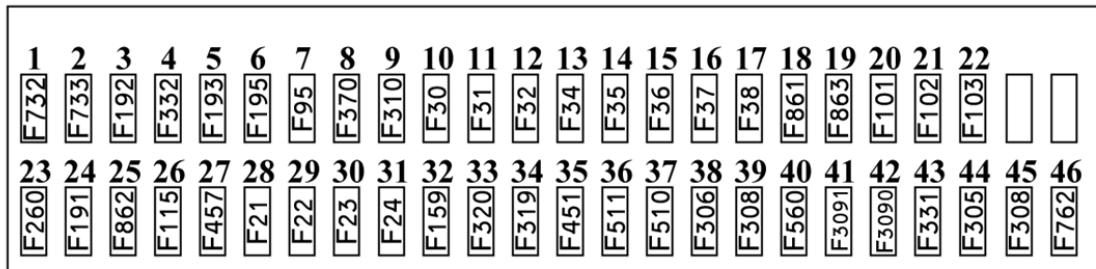
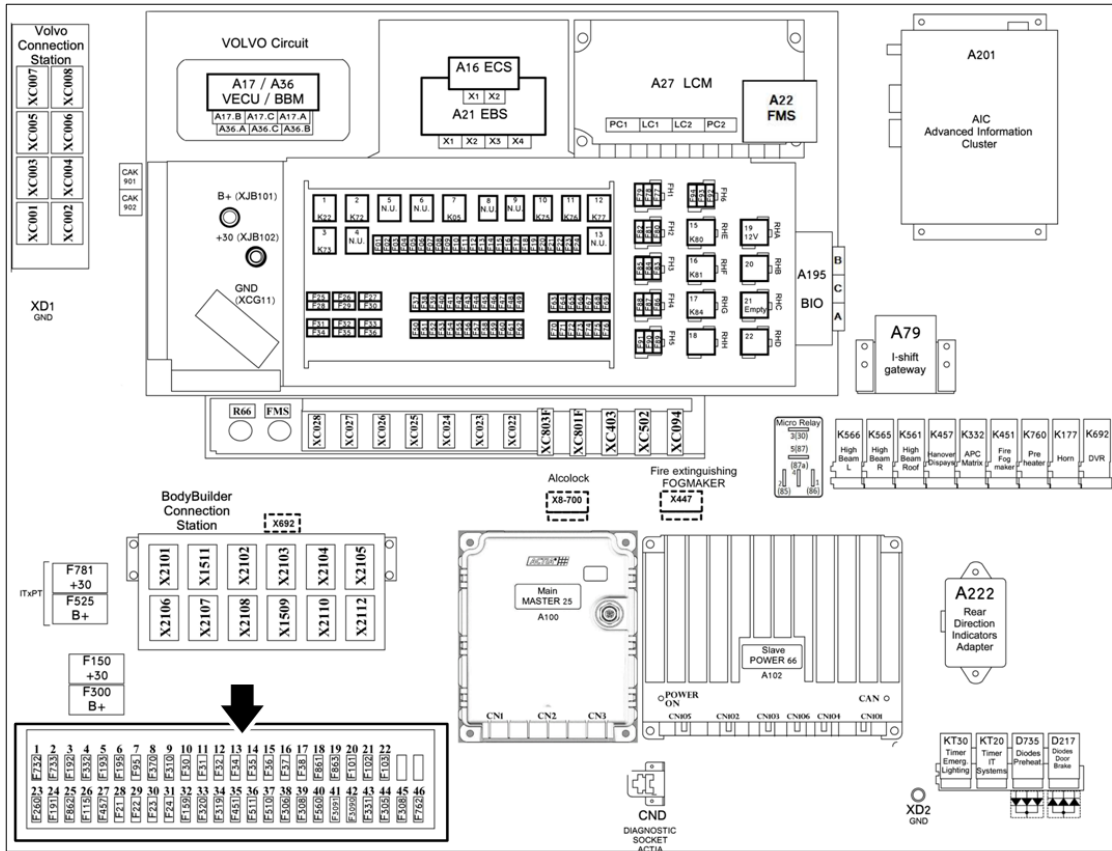


1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		
F732	F733	F192	F332	F193	F195	F95	F370	F310	F30	F31	F32	F34	F35	F36	F37	F38	F861	F863	F101	F102	F103		
23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
F260	F191	F862	F115	F457	F21	F22	F23	F24	F159	F320	F319	F451	F511	F510	F306	F308	F560	F309	F309	F331	F305	F308	F762

Main Electrical Box

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	F732	25A KI.30	Preheater & Valeo & Water pump		
2	F733	25A KI.30	Preheater & Valeo & Water pump		
3	F192	20A KI.30	Frontbox blower		
4	F332	8A KI.30	APC Matrix		
5	F193	2A KI.30	Heating control		
6	F195	3A KI.30	Air conditioning control		
7	F95	10A KI.30	Radio & Clock		
8	F370	3A KI.30	Rear lights indicator adapter		
9	F30	6A KI.30	Service lighting		
10	F31	3A KI.30	ActiMUX MASTER25(A100)		
11	F32	5A KI.30	ActiMUX MASTER25(A100)		
12	F33	15A KI.30	ActiMUX POWER66 (A102		
13	F34	20A KI.30	ActiMUX POWER33 AirCanal(A101)		
14	F35	6A KI.30	ActiMUX POWER33 AirCanal(A101)		
15	F36	8A KI.30	ActiMUX POWER33 Luggage (A103)		
16	F37	15A KI.30	ActiMUX POWER33 Luggage (A103)		
17	F38	3A KI.30	Actia switch pack		
18	F861	10A KI.15	Fulc Sirius		
19	F863	5A +D	Fulc Sirius		
20	F101	5A B+ (I-Start)	Door's pressure sensors		
21	F102	5A B+ (I-Start)	Imer emergency circuit		
22	F103	10A B+ (I-Start)	Emergency circuit		
23	F260	10A KI.15	Driver seat's heating		
24	F191	KI.15	Heating control		
25	F862	10A KI.30	Fulc Sirius		
26	F115	10A KI.15	Cameras 7"display		

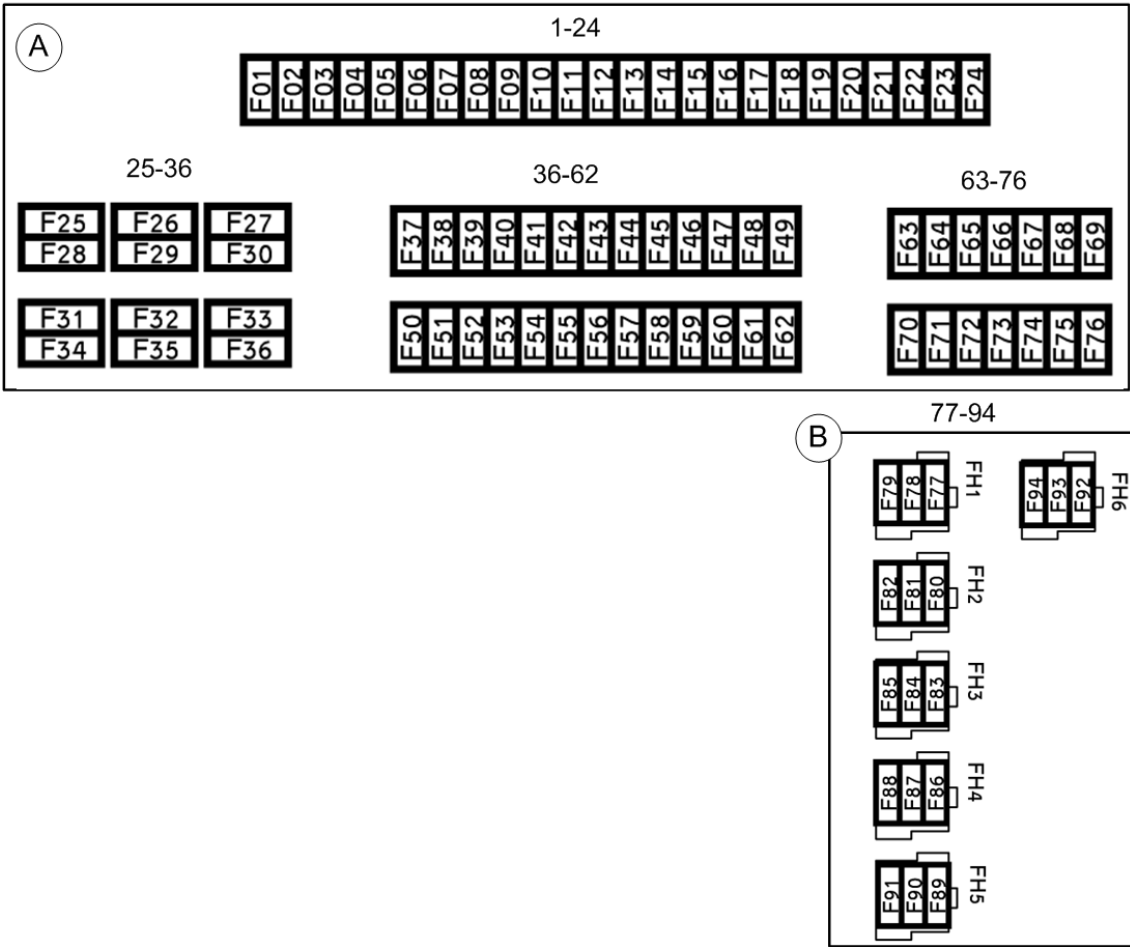
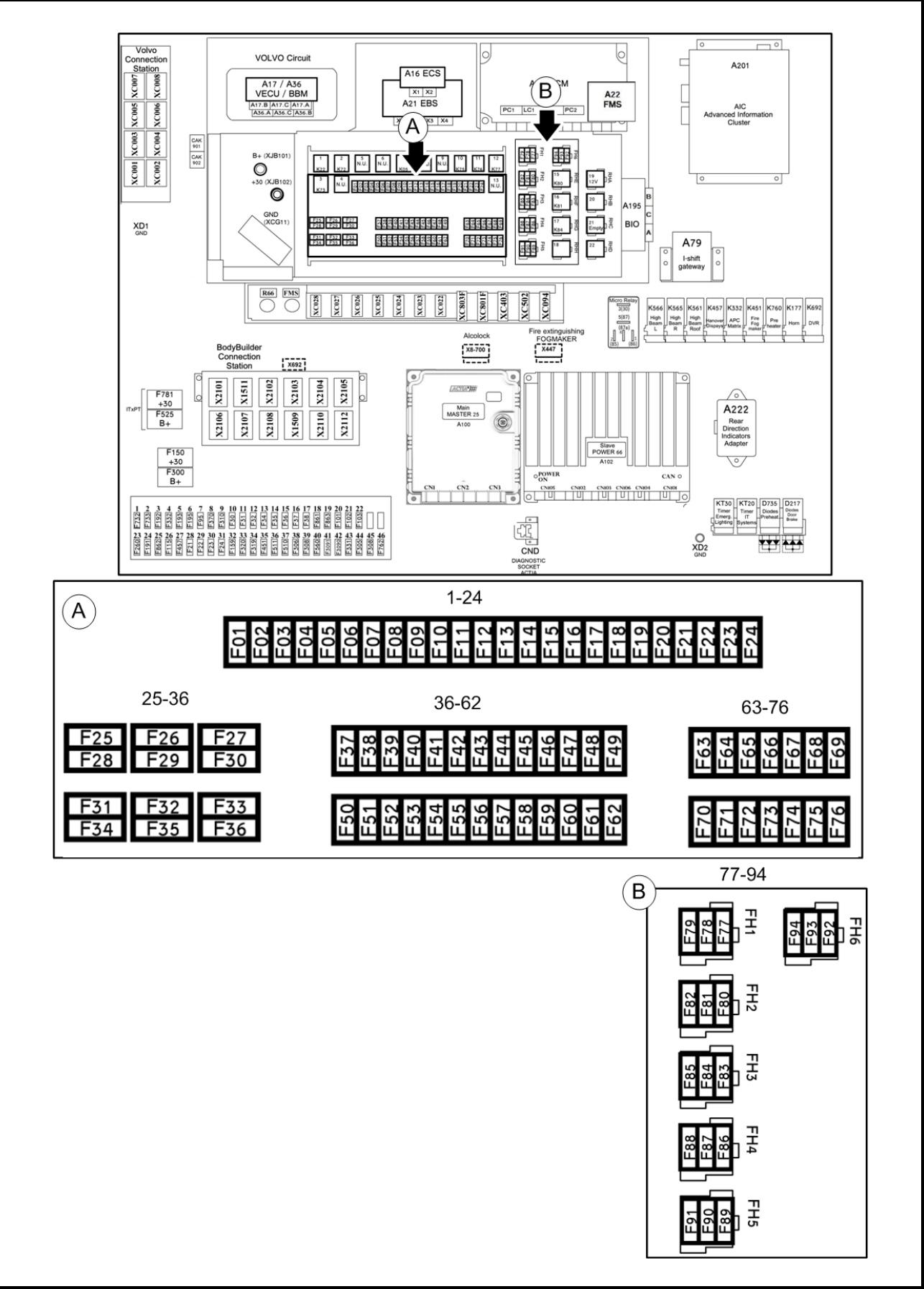
*** May be semi-automatic or full automatic fuse



Main Electrical Box

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
27	F457	10A KI.15	Hanover destination signs		
28	F21	10A KI.15	ActiMUX POWER66 (A102		
29	F22	10A KI.15	ActiMUX POWER66 (A102		
30	F23	15A KI.15	ActiMUX POWER33 AirCanal(A101)		
31	F24	20A KI.15	ActiMUX POWER33 Luggage (A103)		
32	F159	10A KI.15	Radio & Clock		
33	F320	10A KI.15	Converter 24V/12V		
34	F319	6A KI.15	Electrical mirrors		
35	F451	5A KI.15	Fire extinguishing FOGMAKER		
36	F511	6A KI.15	USB Doors side		
37	F510	6A KI.15	USB Driver side		
38	F306	KI.30	Ticketing machine		
39	F308	KI.30	Ticketing machine		
40	F560	10A KI.15	Roof high beam		
41	F3091	10A KI.15	Ticketing machine		
42	F3090	10A KI.15	Ticketing machine		
43	F306	10A KI.15	Ticketing machine		
44	F331	10A KI.15	Dealay 20' Ticketing machine		
45	F305	5A KI.30	Dealay 20' Ticketing machine		
46	F762	25A KI.15	Pre-heatrer fuel filter		
47	F781	40A (B+)			
48	F525	40A (+30)	ITxPT		
49	F300	40A (B+)	ITxPT		
50	F150	40A (+30)			

*** May be semi-automatic or full automatic fuse

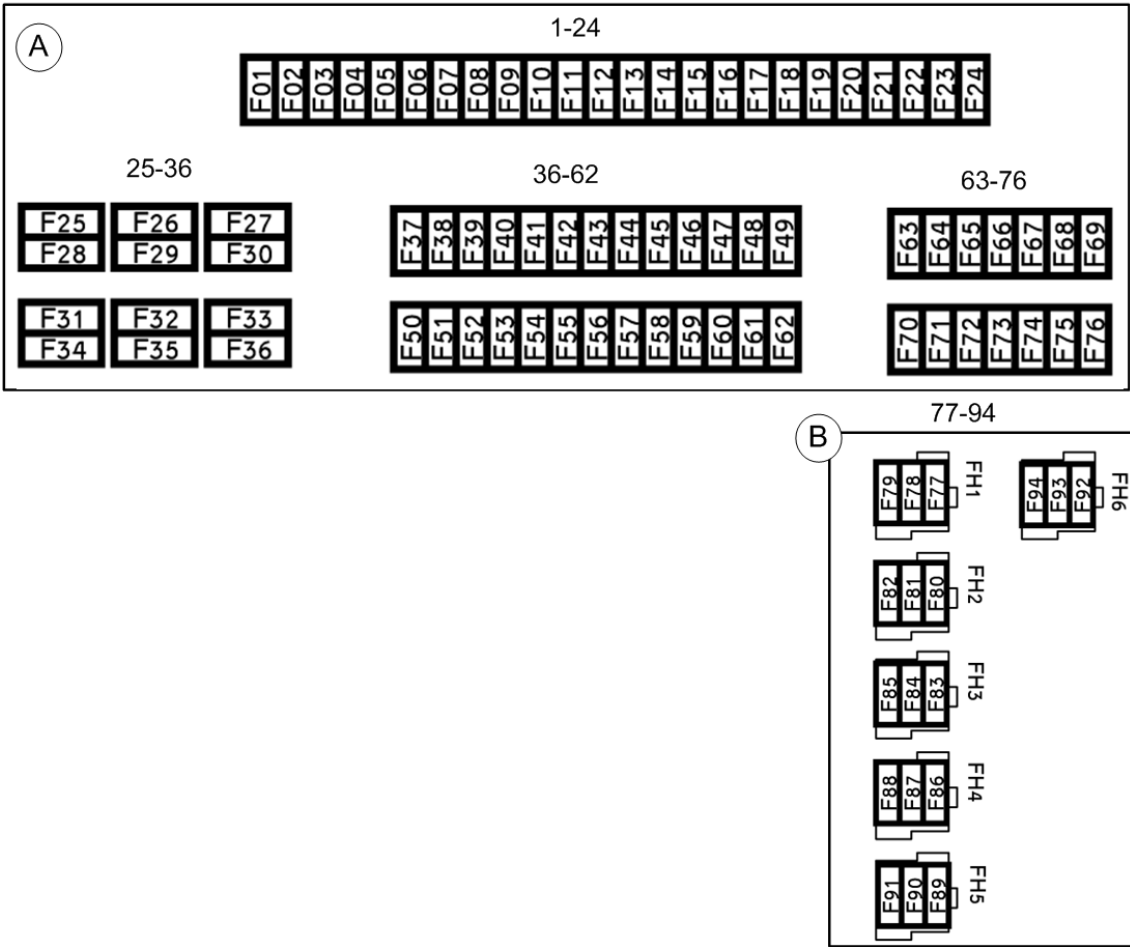
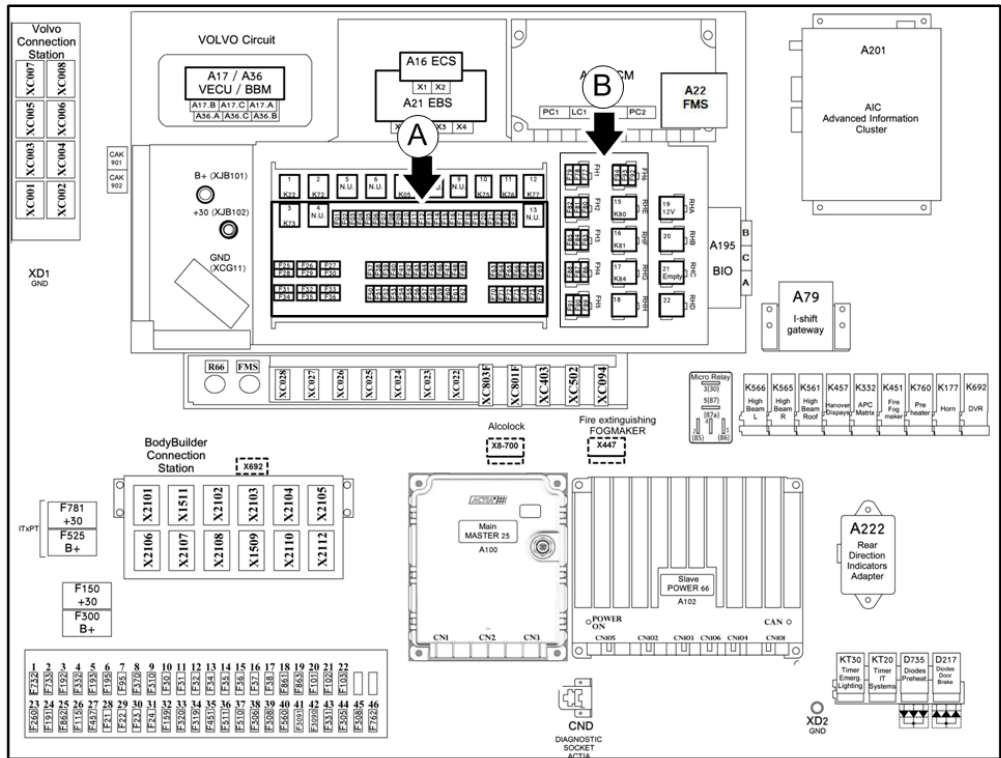


Main electrical box

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	F01	5A (+30)	APBE (Automatic Park Brake Engine)		
2	F02	5A (+30)	A03 Instrument cluster & OBD		
3	F03	---	---		
4	F04	----	---		
5	F05	---	----		
6	F06	5A (K72)	Alternator & engine components		
7	F07	5A (K72)	Control unit, VECU		
8	F08	5A (DR)	Instrument cluster & Tachograph & OBD		
9	F09	---	----		
10	F10	5A (DR)	Steering wheel		
11	F11	----	----		
12	F12	----	----		
13	F13	15A (+15)	Windscreen wiper & Windscreen washer pump		
14	F14	10A (+15)	Option		
15	F15	----	----		
16	F16	----	----		
17	F17	----	----		
18	F18	----	----		
19	F19	----	----		
20	F20	----	----		
21	F21	----	----		
22	F22	----	----		
23	F23	5A (+30)	A16 ECS (Electronic controlled air suspension)		
24	F24	----	----		
25	F25	----	----		

*** May be semi-automatic or full automatic fuse

Main electrical box

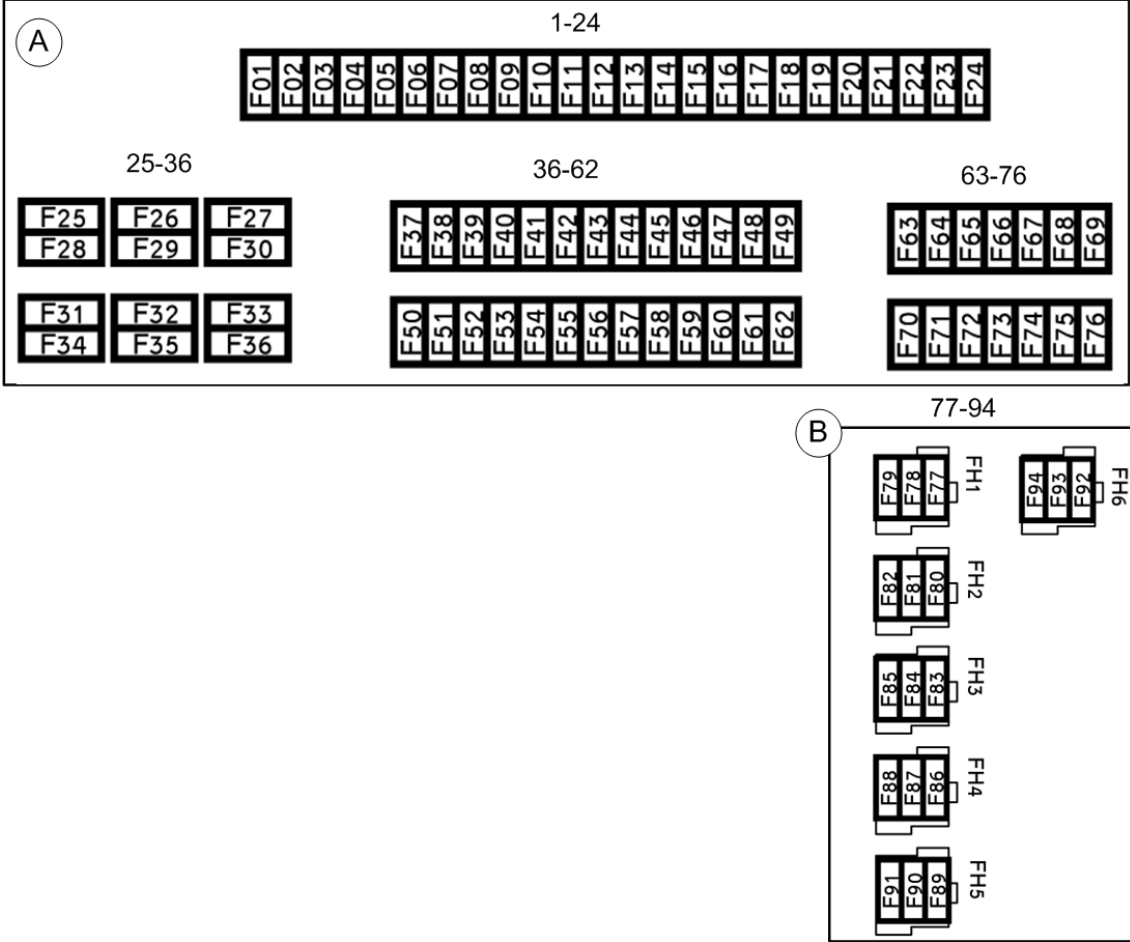
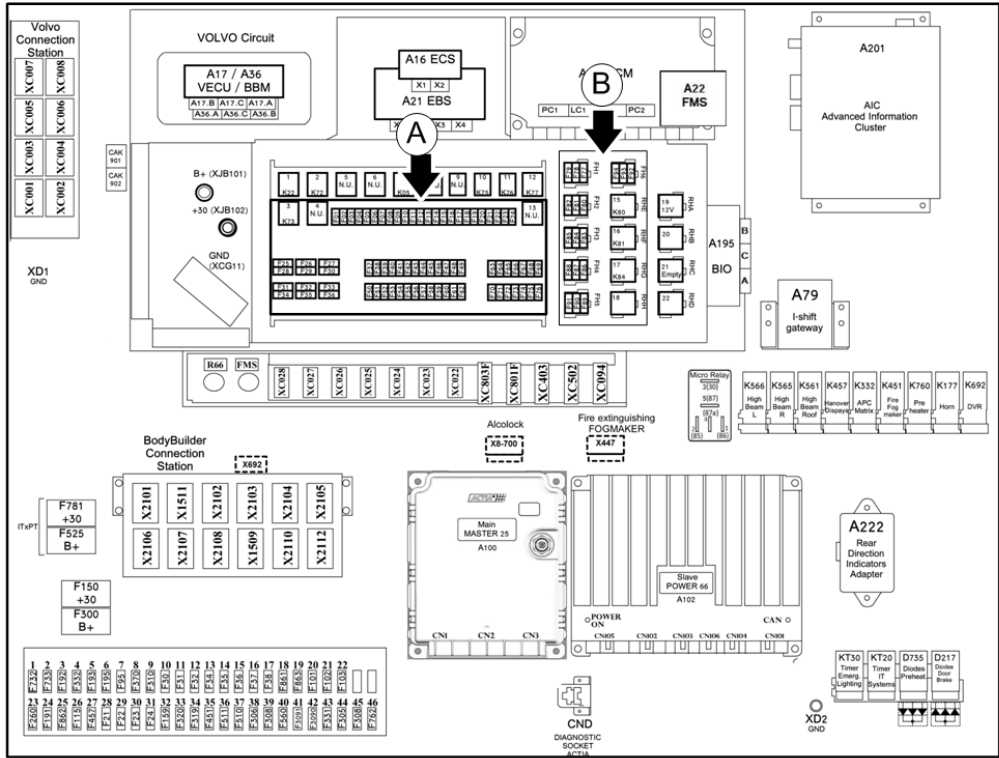


Main electrical box

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
26	F26	----	----		
27	F27	----	----		
28	F28	20A (+30)	A21, EBS (Electronic brake system)		
29	F29	----	----		
30	F30	20A (+15)	Ignition +15		
31	F31	----	----		
32	F32	----	----		
33	F33	----	----		
34	F34	----	----		
35	F35	5A (+30)	Alcolock		
36	F36		Day running light		
37	F37	----	----		
38	F38	5A (+15)	A27 LCM (Light control module)		
39	F39	5A (+15)	A22 FMS (Fleet management system)		
40	F40	----	----		
41	F41	----	----		
42	F42	----	----		
43	F43	5A (K74)	Fuel Cut Off		
44	F44	----	----		
45	F45	----	----		
46	F46	10A (+30)	Horn		
47	F47	----	----		
48	F48	5A (DR)	A21, EBS (Electronic brake system)		
49	F49	5A (DR)	A16 ECS (Electronic controlled air suspension)		
50	F50	----	----		

*** May be semi-automatic or full automatic fuse

Main electrical box

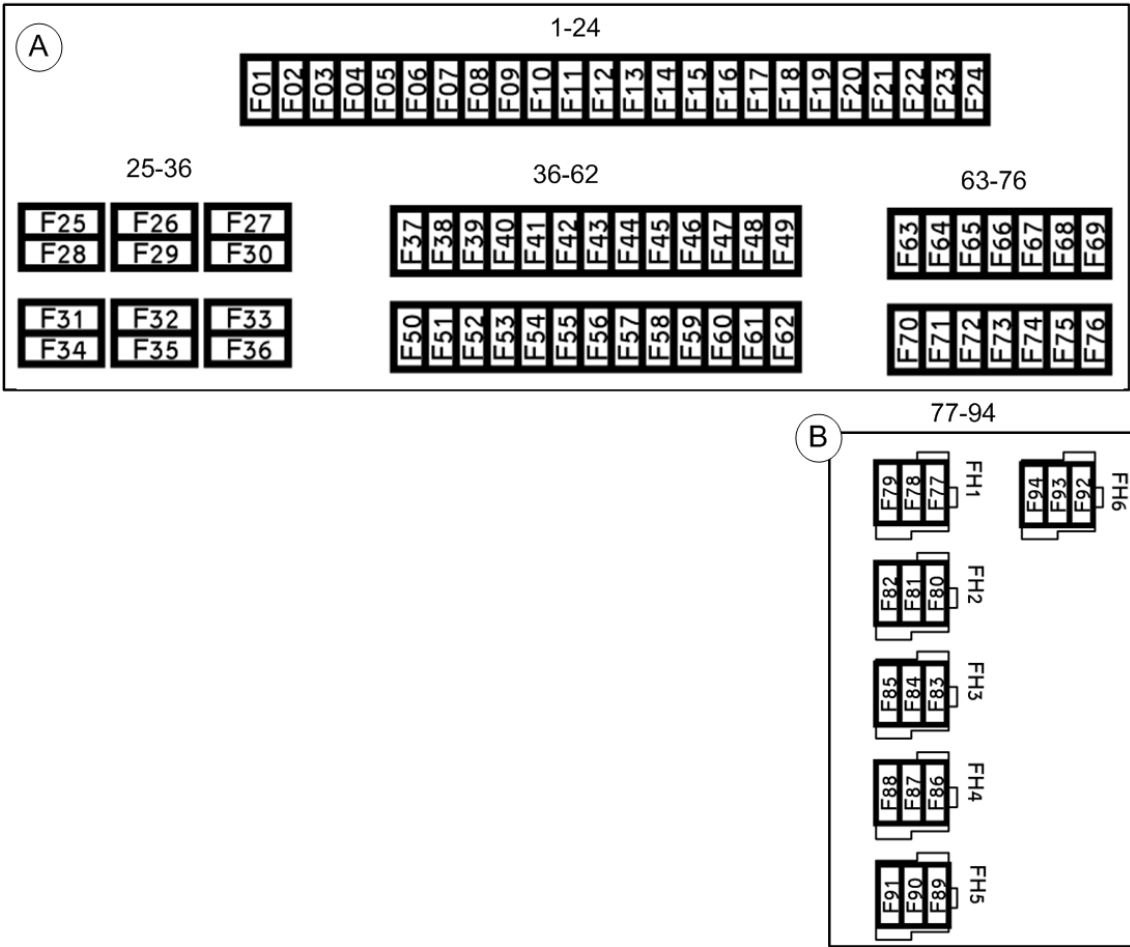
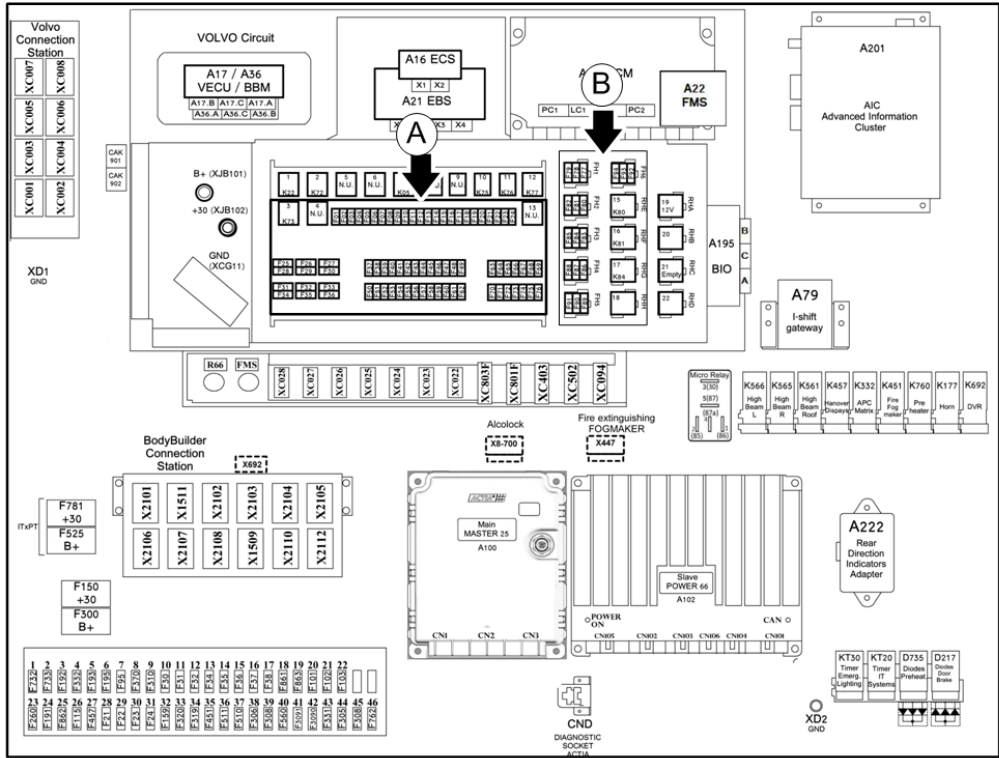


Main electrical box

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
51	F51	5A (+30)	A36 BBM (Body Builder Module)		
52	F52	10A (+30)	Option		
53	F53	10A (+30)	Gearbox, TECU, ZF Ecolife		
54	F54	10A (+30)	A22 FMS (Fleet Management System)		
55	F55	5A (DR)	A195 BIO Bus I/O ECU		
56	F56	5A (DR)	Fulc Sirius		
57	F57	5A (DR)	Gearbox, TECU, ZF Ecolife		
58	F58	-----	-----		
59	F59	5A (DR)	Dashboard switch feed		
60	F60	5A (DR)	Alcolock		
61	F61	-----	-----		
62	F62	10A (DR)	A174 ACM (Aftertreatment Control Module)		
63	F63	10A (+30)	A195 BIO Bus I/O ECU		
64	F64	-----	-----		
65	F65	-----	-----		
66	F66	-----	-----		
67	F67	-----	-----		
68	F68	5A (+30)	Ignition key		
69	F69	-----	-----		
70	F70	-----	-----		
71	F71	-----	-----		
72	F72	-----	-----		
73	F73	-----	-----		
74	F74	-----	-----		
75	F75	-----	-----		

*** May be semi-automatic or full automatic fuse

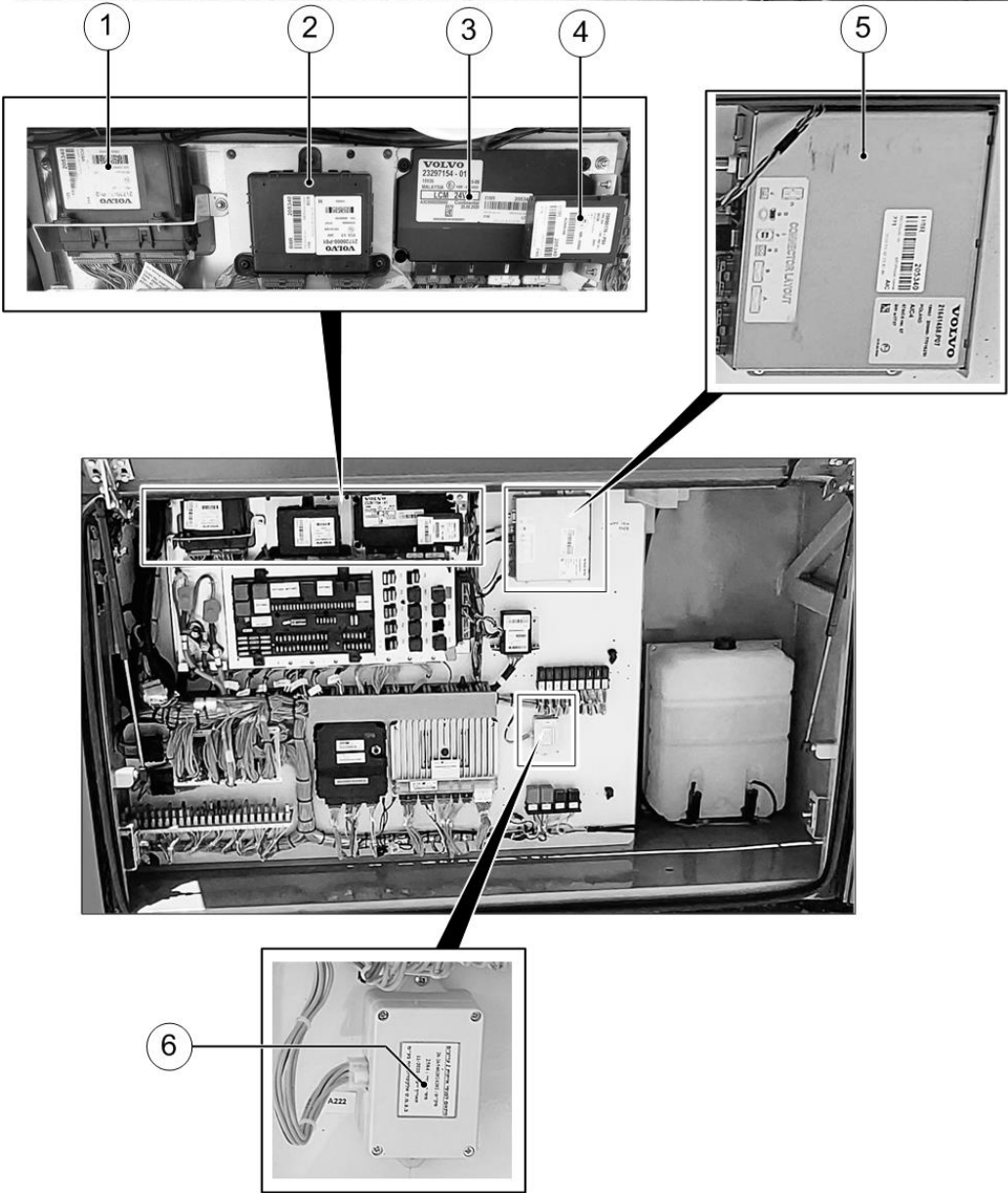
Main electrical box

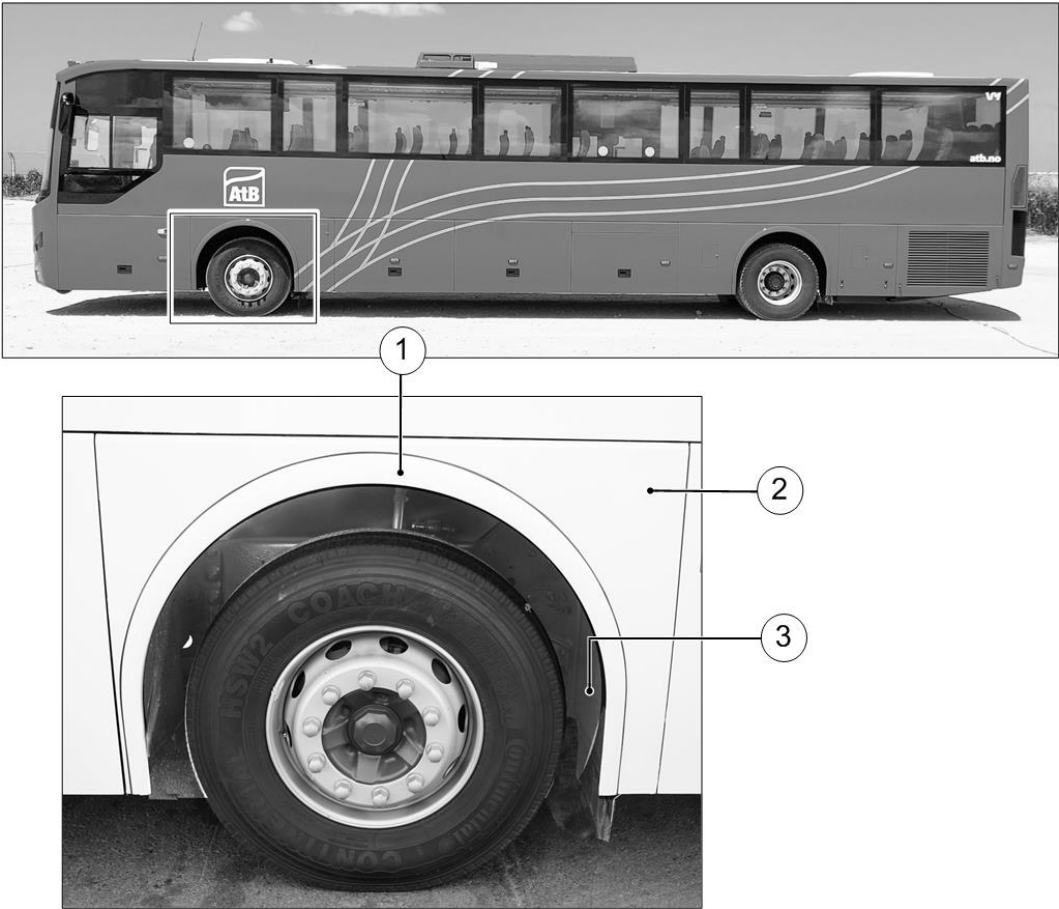


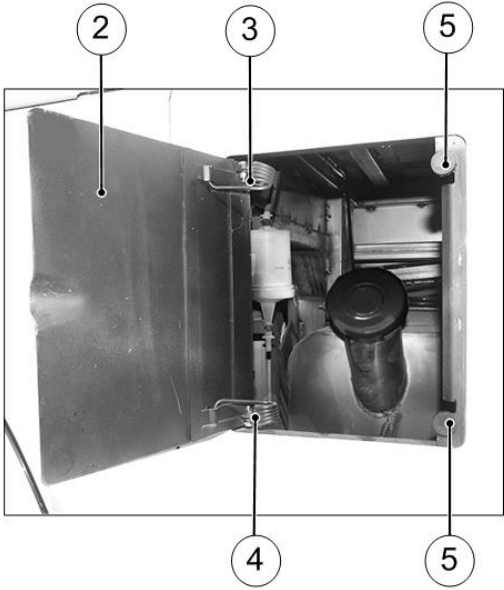
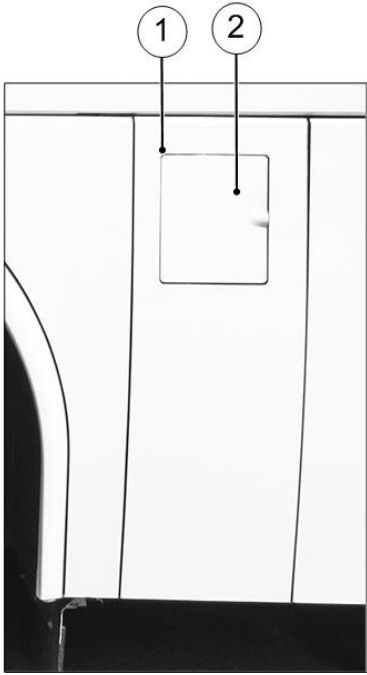
Main electrical box

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
76	F76	----	-----		
77	F77	25A (B+)	A27 LCM (Light Control Module)		
78	F78	25A (B+)	A27 LCM (Light Control Module)		
79	F79	25A (B+)	A27 LCM (Light Control Module)		
80	F80	25A (B+)	A27 LCM (Light Control Module)		
81	F81	25A (B+)	A27 LCM (Light Control Module)		
82	F82	25A (B+)	A27 LCM (Light Control Module)		
83	F83	----	-----		
84	F84	----	-----		
85	F85	----	-----		
86	F86	5A (B+)	A03 Instrument cluster & OBD		
87	F87	30A (B+)	Main Switch		
88	F88	----	-----		
89	F89	5A (+58)	Parking lamps left		
90	F90	5A (+58)	Parking lamps right		
91	F91	----	Empty		
92	F92	5A (+30)	Transmission, I-Shift TECU		
93	F93	20A (+30)	Transmission, I-Shift TECU		
94	F94	----	Empty		

*** May be semi-automatic or full automatic fuse

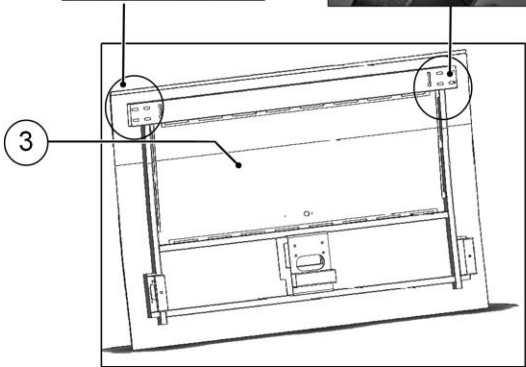
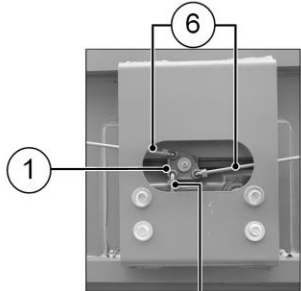
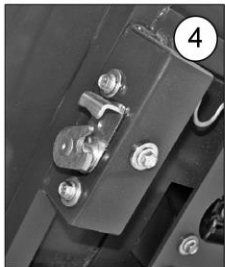
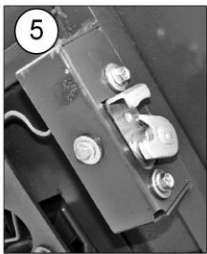
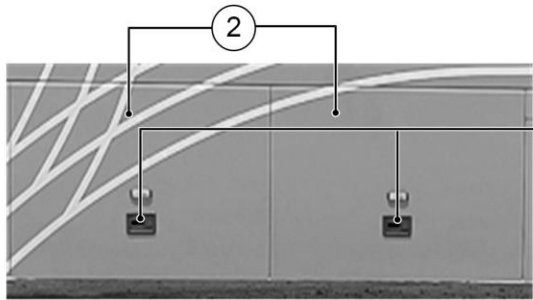






Fuel filler door

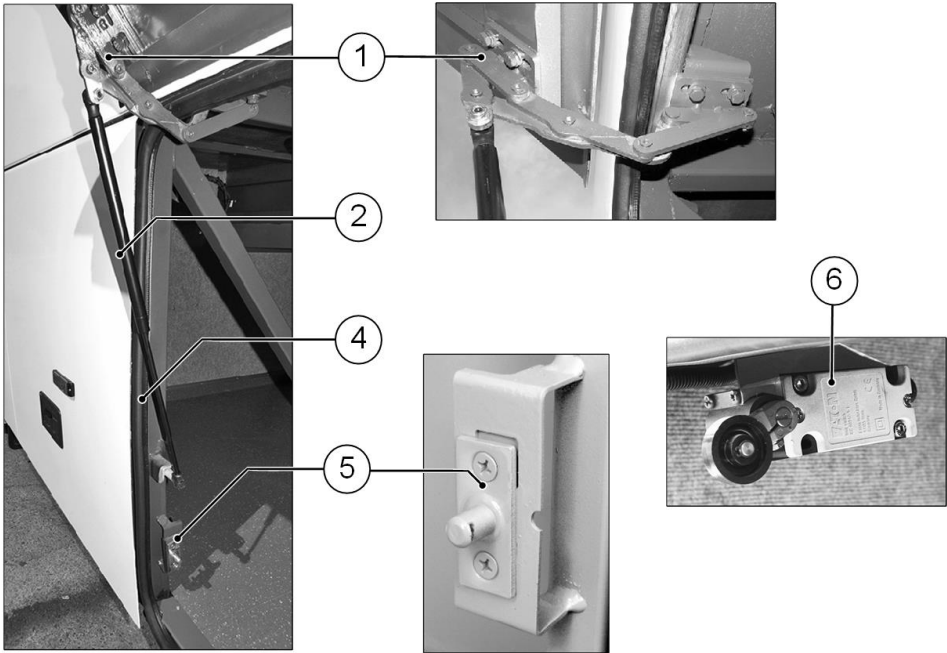
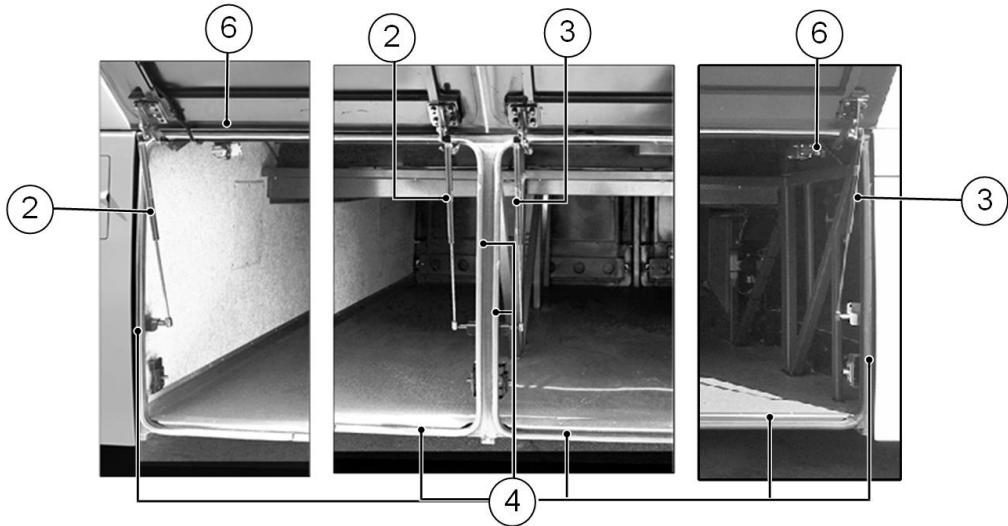
No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Fuel tanks panel	V3492/20/911			1
2	Fuel filler door	V3383/20/993			1
3	Right side door spring	50-123000-000021			1
4	Rubber stopper 20x6	60-030000-000009			2
5	Left side door spring	50-123000-000022			1



Luggage compartment

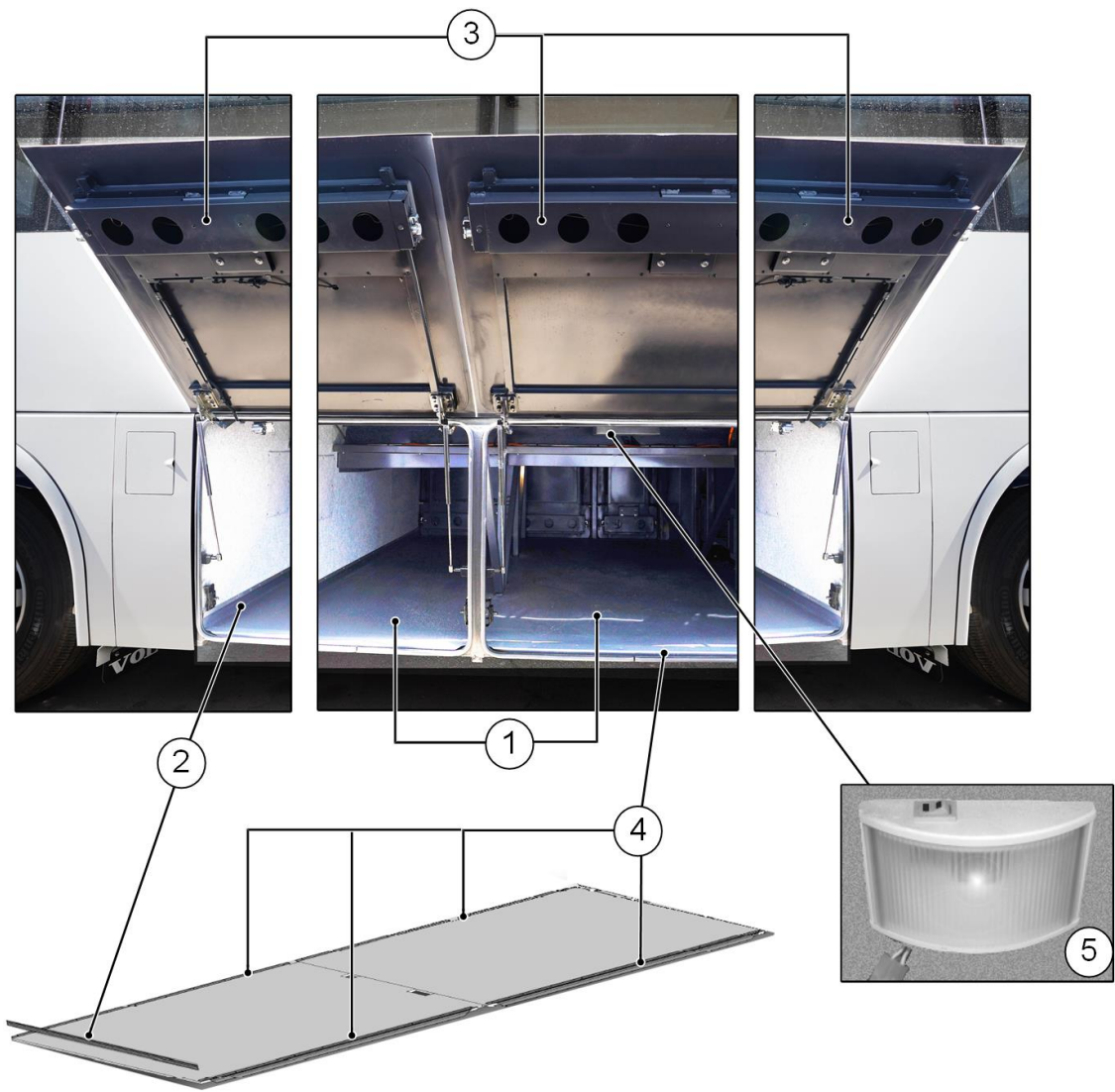
No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Door lock handle	58-772412-166119	PRIMA	P141J-66119B	2
2	Left complete luggage compartment door	V3501/20/913			2
3	Left luggage glued door	V3501/20/914			2
4	Right spring lock	59-025253-000070	PRIMA	P70-66940	2
5	Left spring lock	59-025253-001070	PRIMA	P70-51700	2
6	Plastic connector	59-025253-000094			4

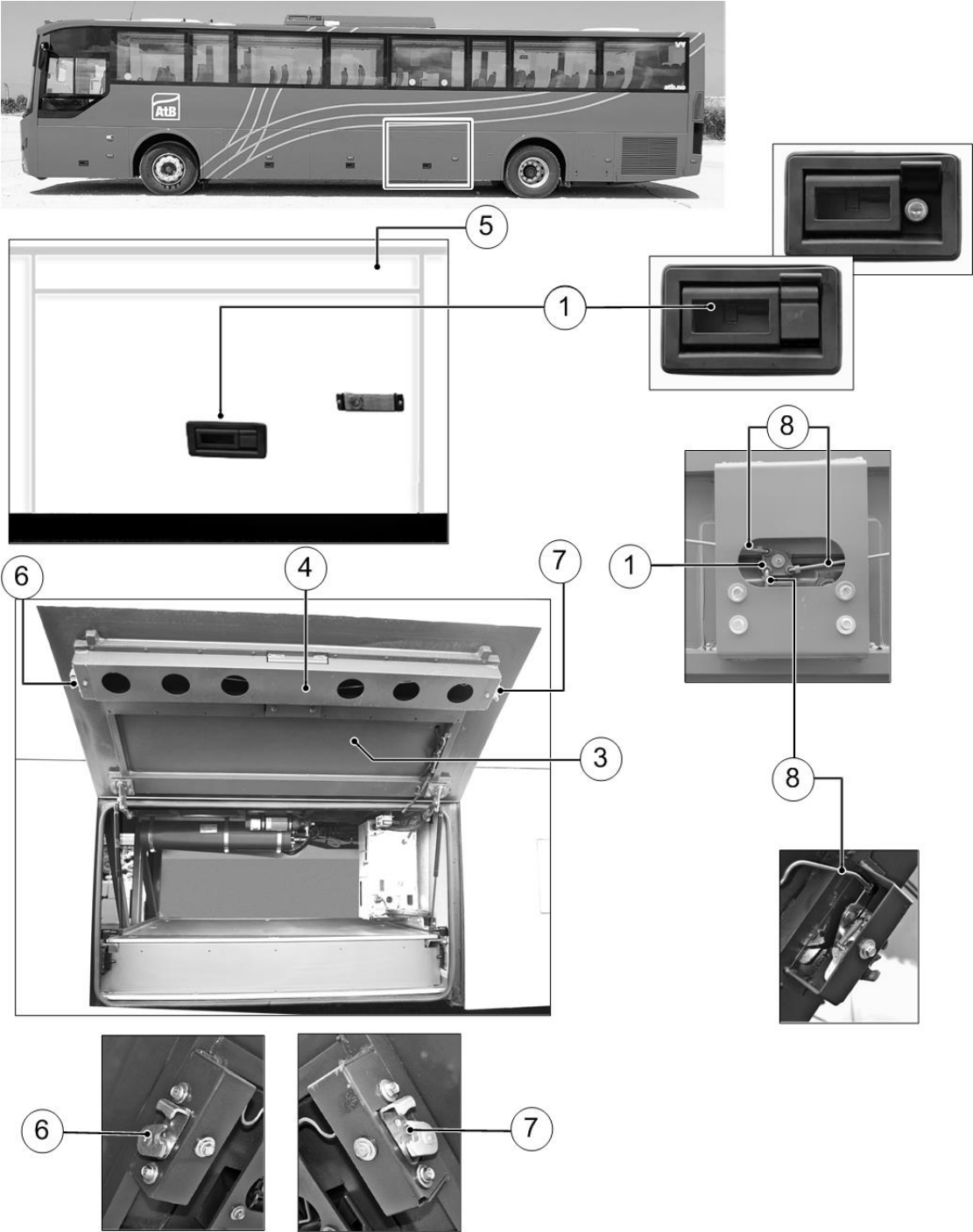
Luggage compartment



Luggage compartment

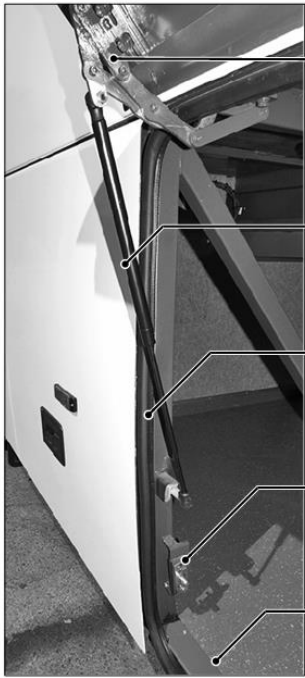
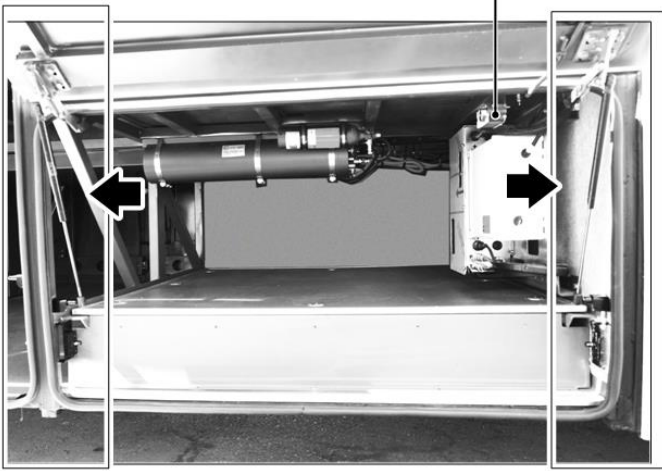
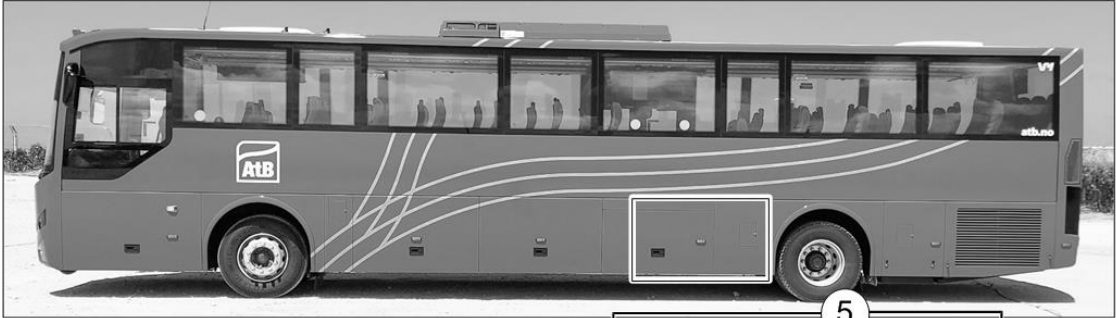
No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Scissor hinge59037180003312 Scissors axle	V7020/82/977			4
2	Gas spring, Lift-O-Mat, 400N, L-585, 083917	40-407448-083917	Stabilus	083917	2
3	Gas spring,Lift-O-Mat, 500N, L-585, 083925	40-407448-083925	Stabilus	083925	2
4	Rubber profile for luggage compartment	51-416117-000002			2
5	Door lock pin	V3391/08/937			4
6	Pulley switch	20-257194-113311			2





Fire system / wheelchair lift compartment

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Door lock handle	58-772412-166119	PRIMA	P141J-66119B	1
2	Left rear complete Lugg compartment door	V3492/20/925			1
3	Left rear luggage/pass lift glued door	v3492/20/926			1
4	Left rear door inside cover	3492/20/019			1
5	Panel above left rear compartment door	3492/20/004			1
6	Right spring lock	59-025253-000070	PRIMA	P70-66940	1
7	Left spring lock	59-025253-001070	PRIMA	P70-51700	1
8	Plastic connector	59-025253-000094			2



1

2

3

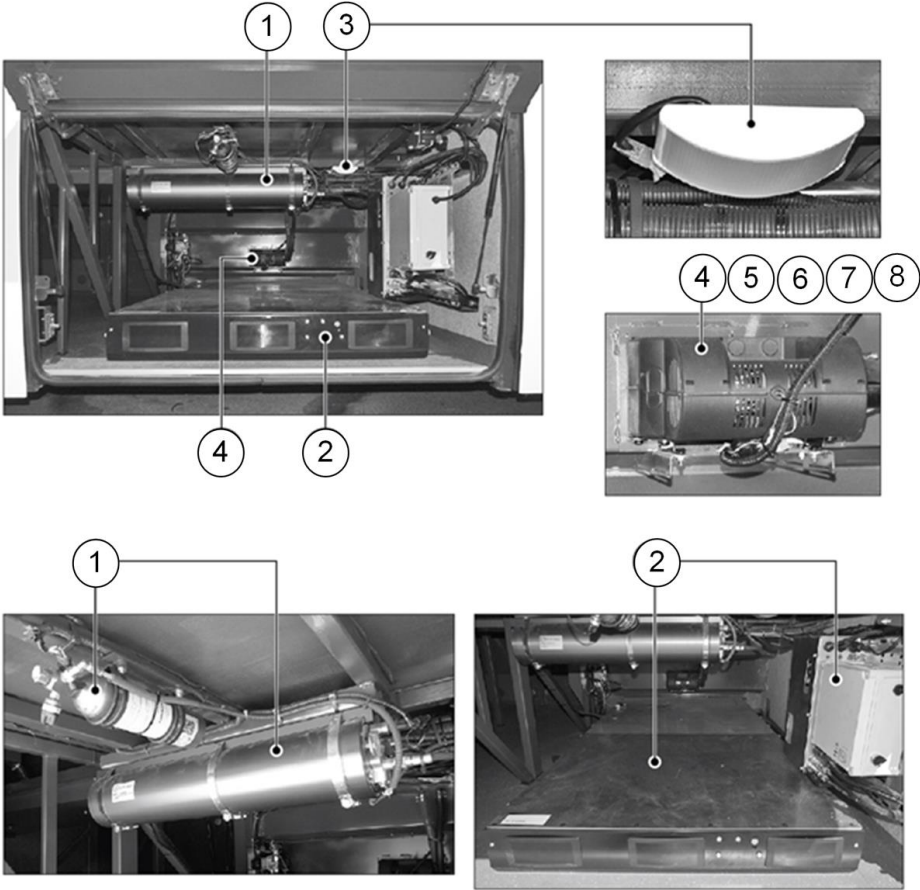
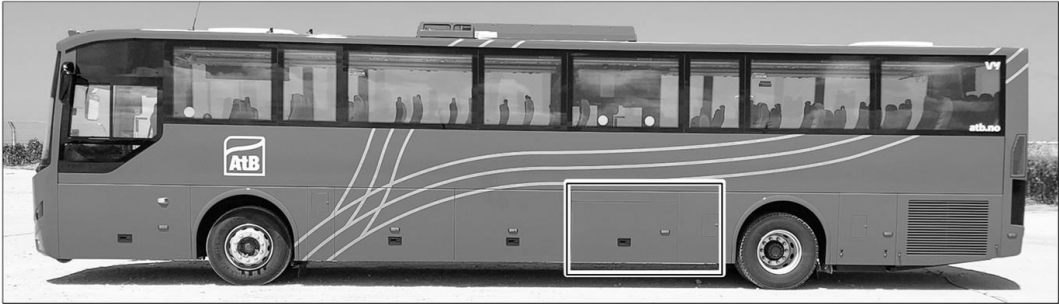
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6



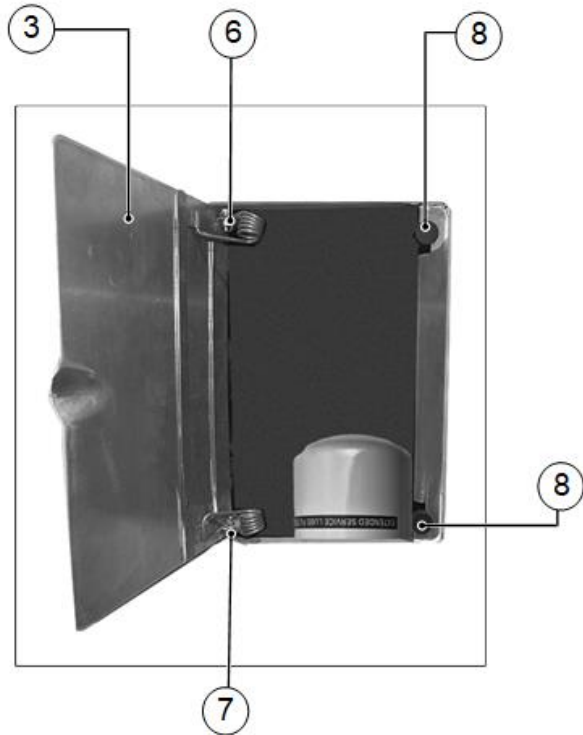
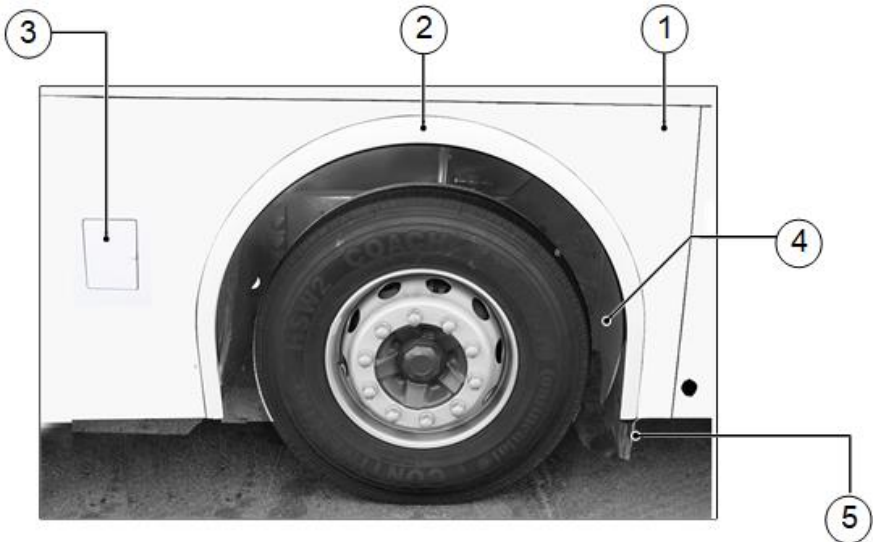
Fire system / wheelchair lift compartment

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Scissor hinge59037180003312	V7020/82/977			2
2	Stabilus Lift-O-Mat 083763 500N L485	40-407448-083763	Stabilus	083763	2
3	Rubber profile for luggage compartment	51-416117-000002			1
4	Locking bolt	V3391/08/937			2
5	Pulley switch	20-257194-113311			1
6	Aluminium Profile 60184	3492/29/068			1



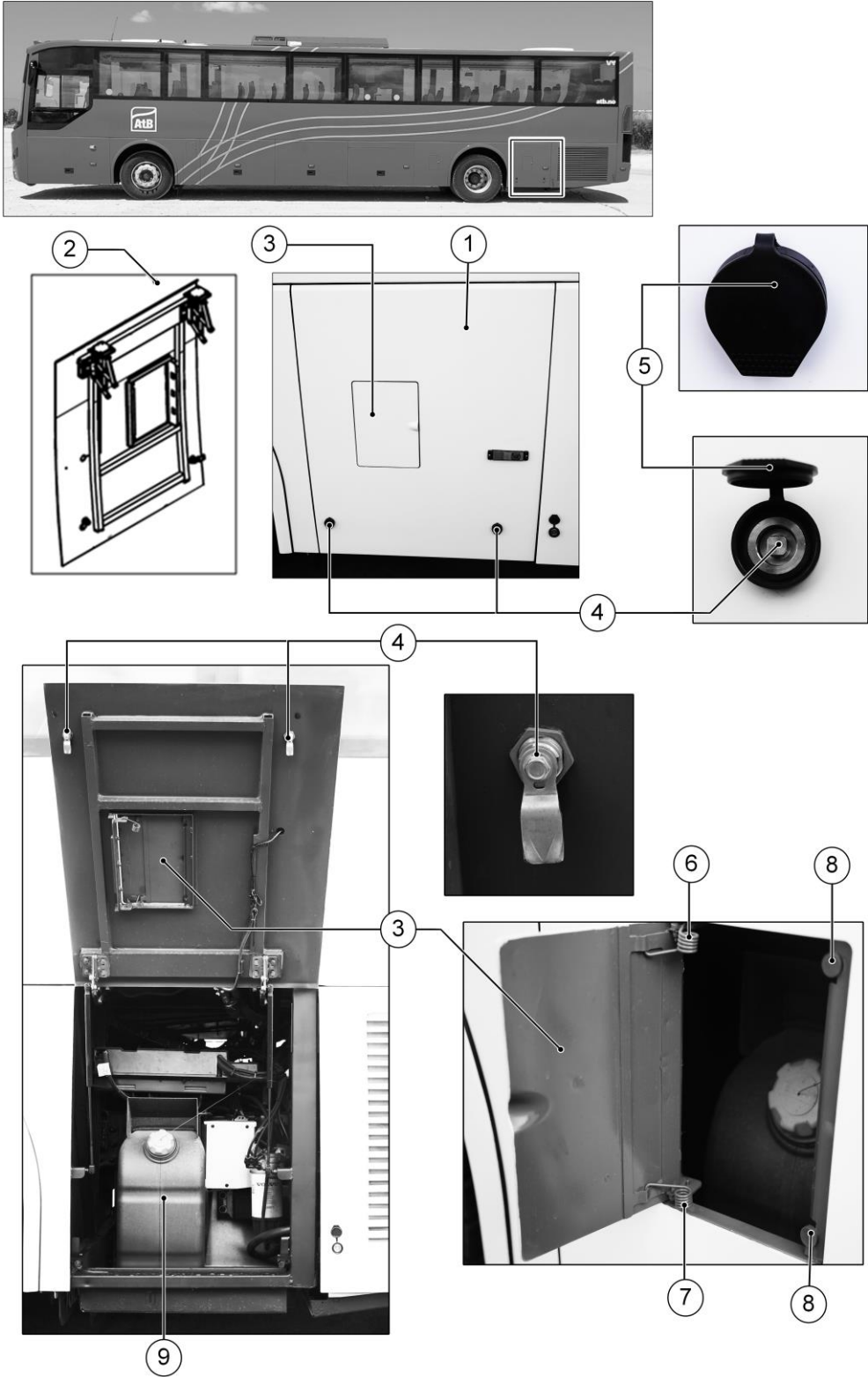
Fire system / wheelchair lift compartment

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Fire system	54-709060-006507	FOGMAKER		1
2	Wheelchair lift DHOLLANDIA	54-470001-020305	DH-CH	102.03.05	1
3	LED light	20-254000-000060	ERA	012-HLC21H1.L	1
4	Aerotherme Step Heater Pedro Sanz	57-718303-120917	Sanz Clima	8.303.121.860	1
5	Radiator step blower 7.145.400.384 san	53-000000-000033	Sanz Clima	7.145.400.384	1
6	Harness step blower 7.144.401.013 sans	53-000000-000041	Sanz Clima	7.144.401.013	1
7	AXIAL fan step blower 7.136.600.014 sans	53-000000-000042	Sanz Clima	7.136.600.014	1
8	Grid fan step blower 7.145.400.146 sans	53-000000-000042	Sanz Clima	6.147.400.146	1



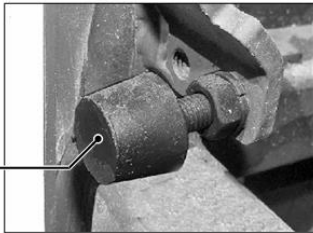
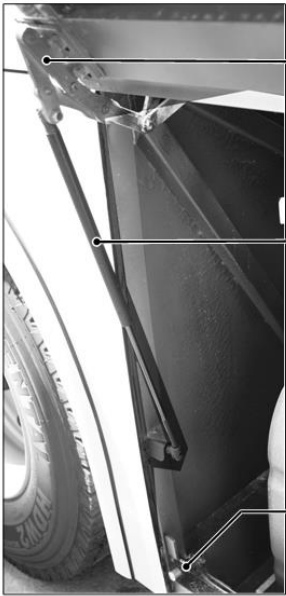
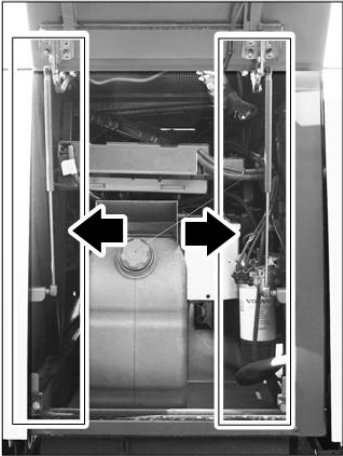
Rear left wing

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Rear left wing	V3492/20/913	VOLVO	1594397	1
2	Wheel Arc fiberglass	V7052/95/9366			1
3	Service door w/o lock	V3409/20/968			1
4	Rear left wheel wing metal mud cover	V3492/14/904			1
5	Mudflap	20-272000-000200			1
6	Right side door spring	50-123000-000021			1
7	Left side door spring	50-123000-000022			2
8	Rubber stopper 20x6	60-030000-000009			1

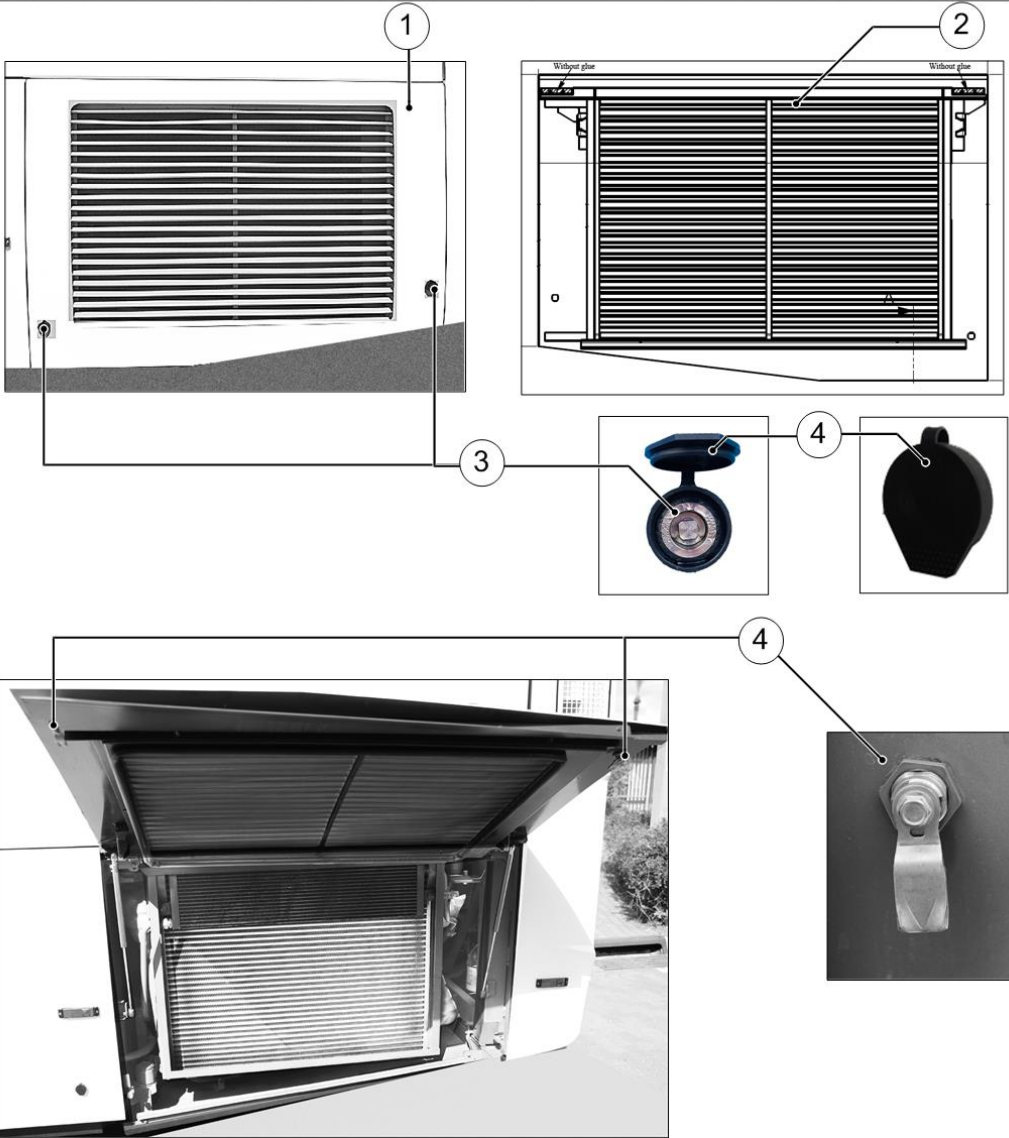


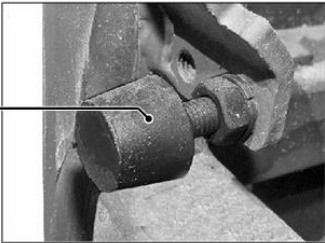
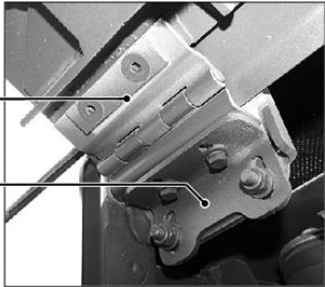
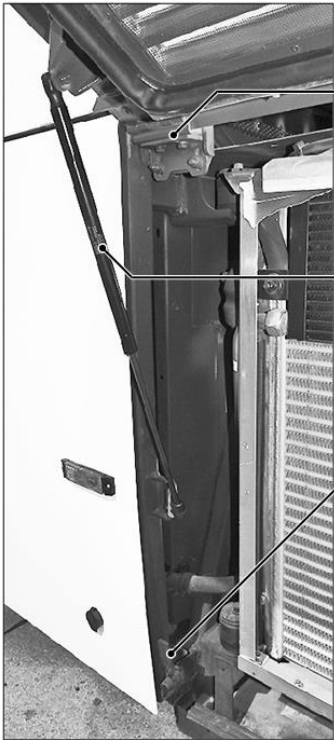
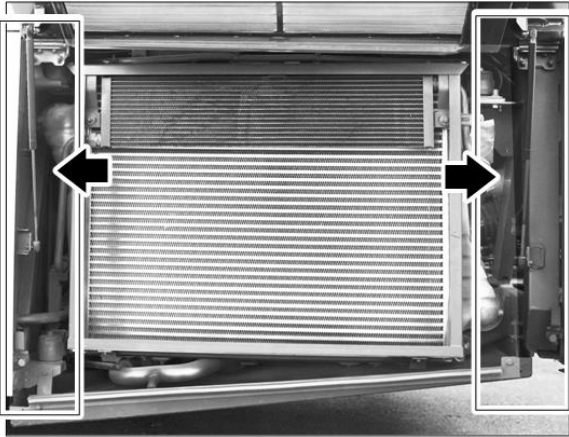
AdBlue tank compartment

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Complete AdBlue tank compartment door	V3492/20/940			1
2	Ad-blue glued door	V3492/20/941			1
3	Service door w/o lock	V3409/20/968			2
4	EMKA rotary latch H24 AISI316	59-025253-602524	EMKA	Square Quarter Lock-H24	2
5	Door lock cover	59-025253-100097	EMKA	1000-97-01	1
6	Right side door spring	50-123000-000021			1
7	Left side door spring	50-123000-000022			2
8	Rubber stopper 20x6	60-030000-000009			1
	-				



AdBlue tank compartment

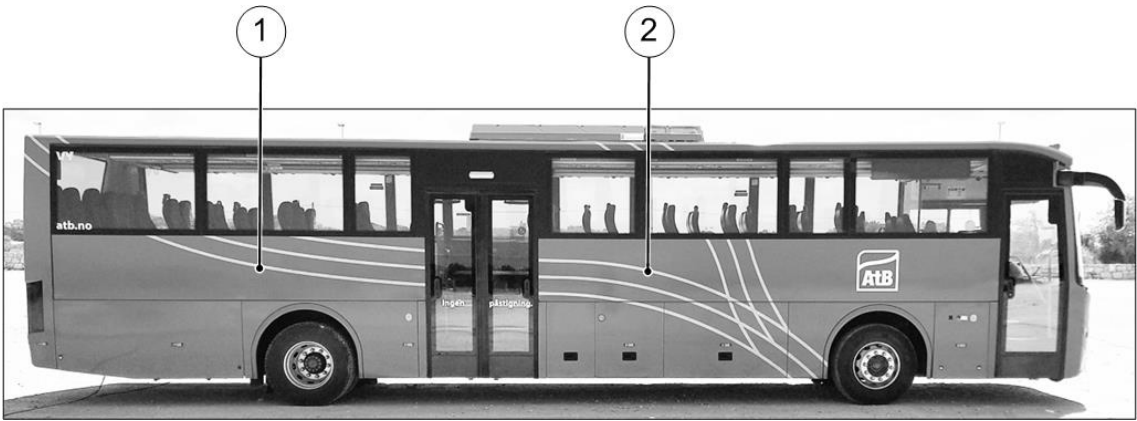




Engine Radiator Compartment

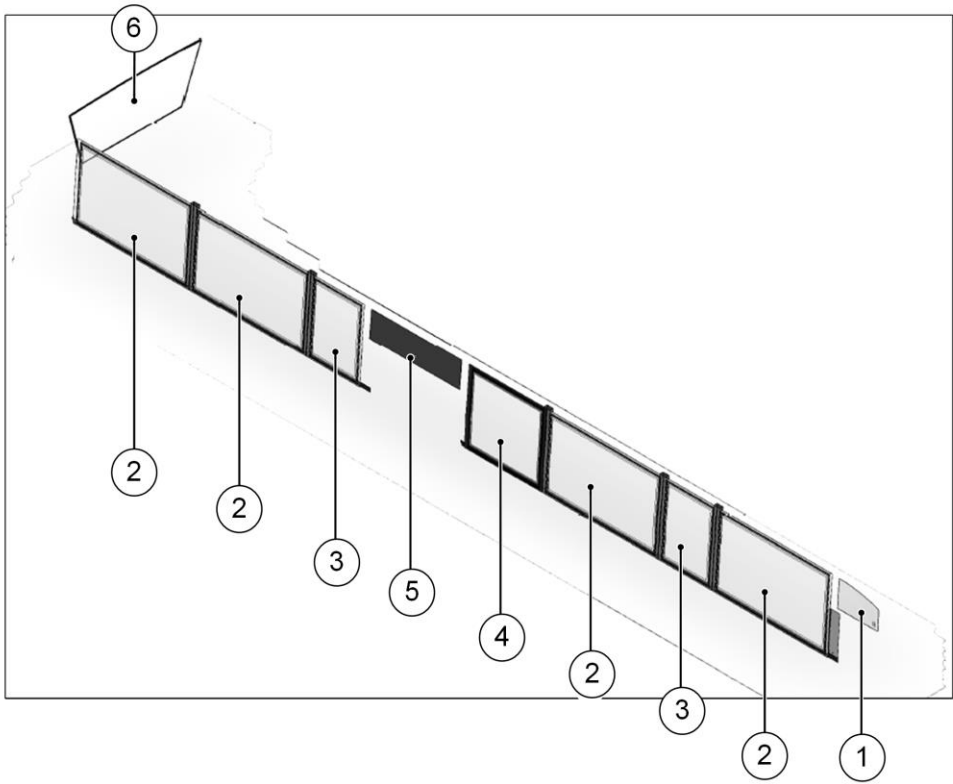
No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Doors axle	7020/82/224	Stabilus	83917	2
2	Axle support	3424/20/050			2
3	Gas spring, Lift-O-Mat, 400N, L-585, 083917	40-407448-083917			2
4	Rubber stopper M10x60	53-701117-082009			2

Exterior		MARS INTERCITY BUS VOLVO B8R chassis	 MERKAVIM Merkavim Transportation Technologies Ltd.
Left			
Draw. No. 37			
		Outer Skin	



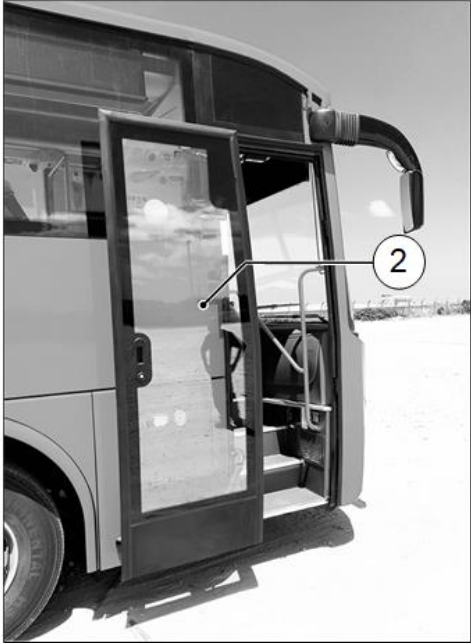
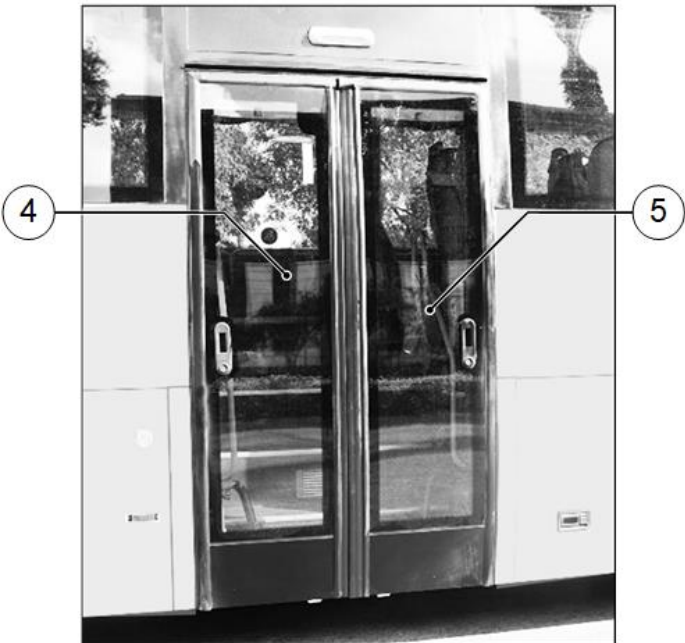
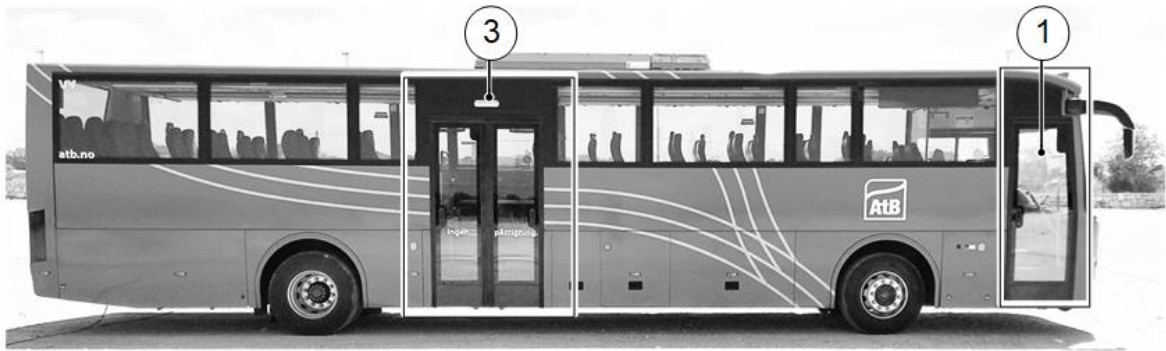
Outer Skin

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Front right outer skin	3385/11/005			1
2	Rear right outer skin	3385/11/010			1



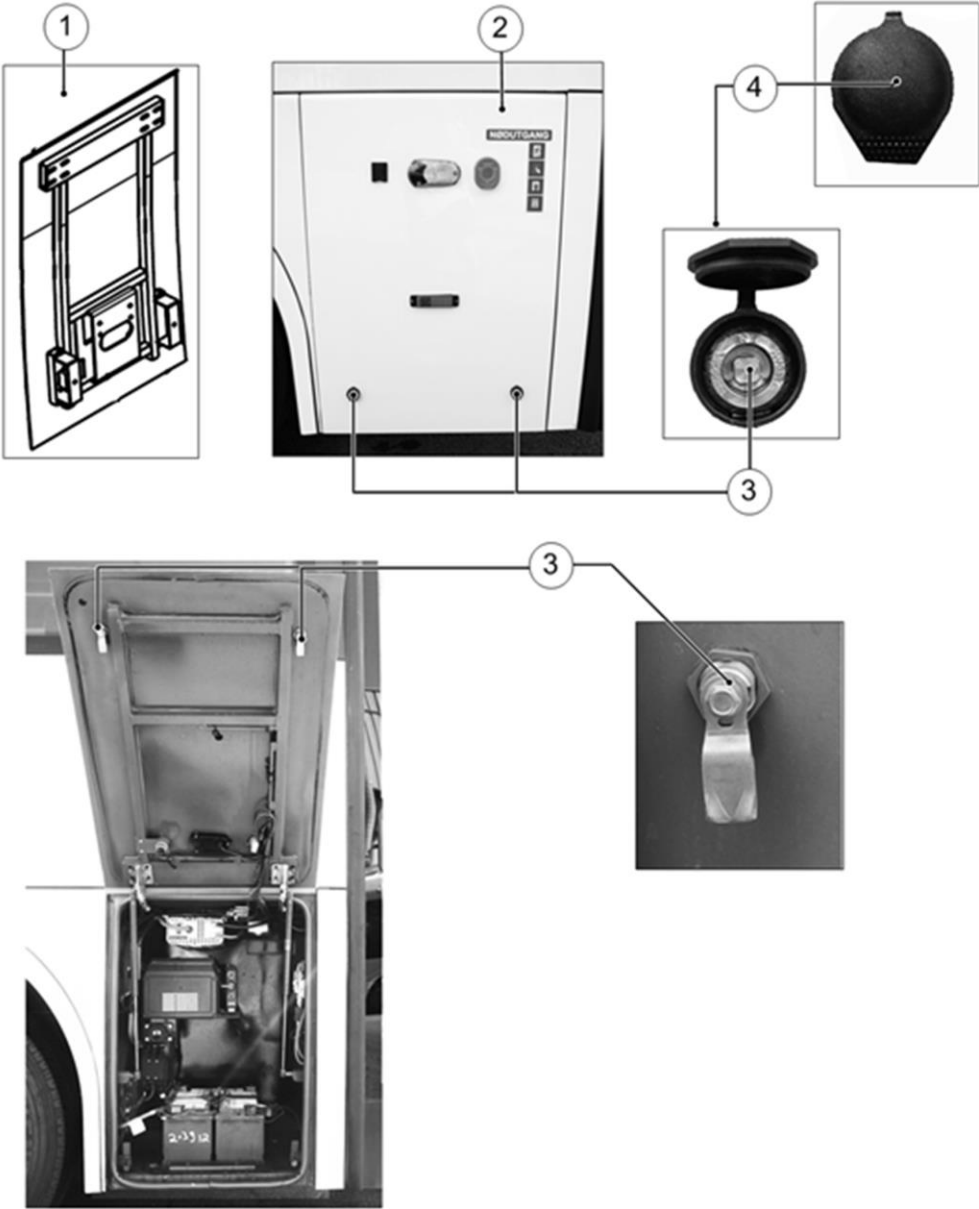
Side and Back Windows

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	5mm tempered grey glass with black print	7019/82/161			1
2	Double glazing window Mars 1725x1045	49-706411-012403	Pilkington	1725X1045	4
3	Double glazing window Mars 796x1045	49-706411-012400	Pilkington	796x1045	2
4	Double glazing window Mars 1155x1045	3492/19/005	Pilkington	1155X1045	1
5	Window above the rear door	49-706411-012399			1
6	Double glazing rear window Mars 1981x808	49-706421-000976	Pilkington	1981X808	1



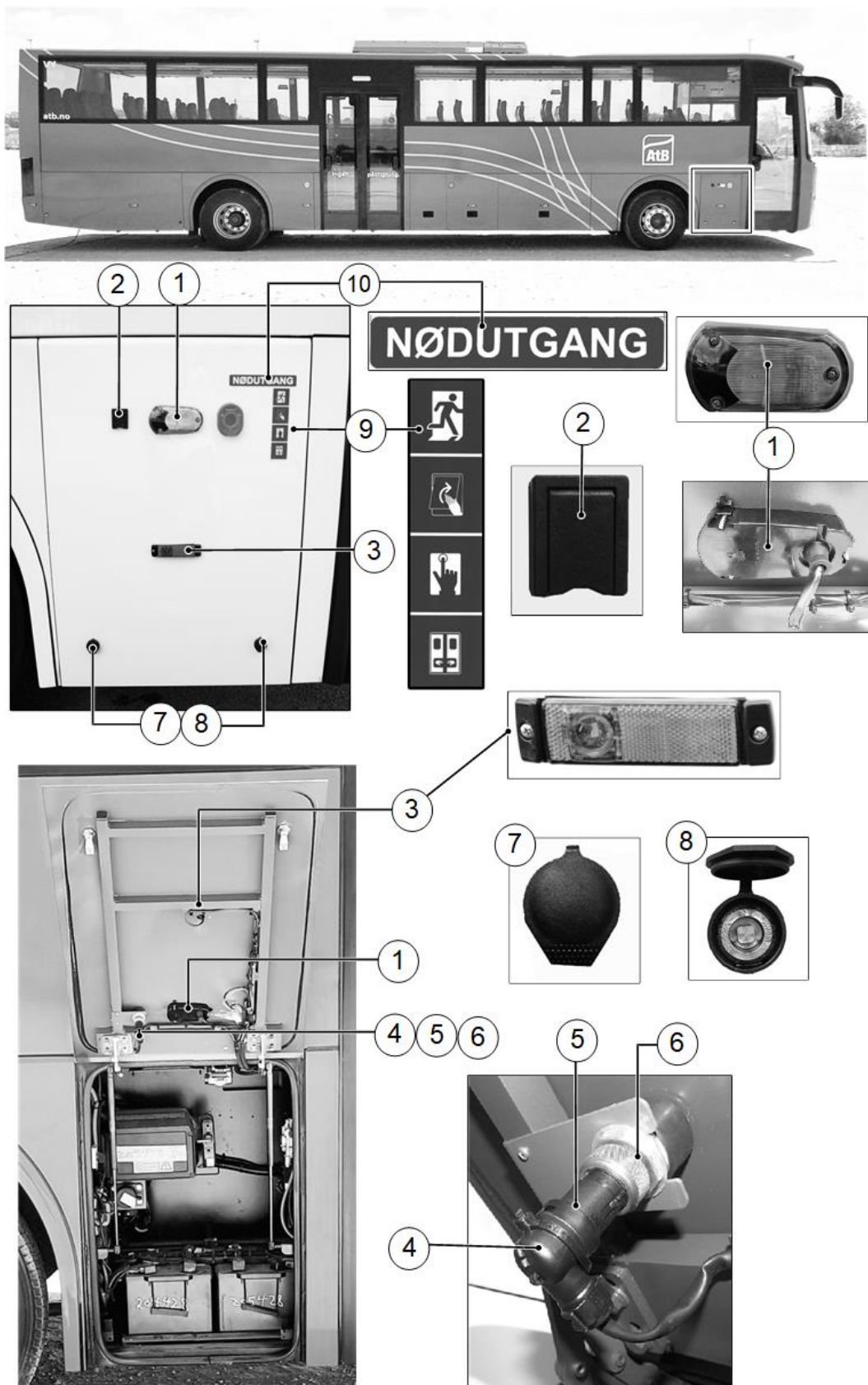
Entrance doors

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	ISAF fr .door double glassing Mars Norway	50-415745-020958	ISAF	020.958.00.0	1
2	GLASS, ISAF front door	53-000000-000087	ISAF	15358.00.0	1
3	ISAF rear double door Mars Norway	50-415745-020959	ISAF	020.959.00.0	1
4	GLASS, left rear door	50-415745-153410	ISAF	15341.00.S	1
5	GLASS, right rear door	50-415745-153411	ISAF	15341.00.D	1



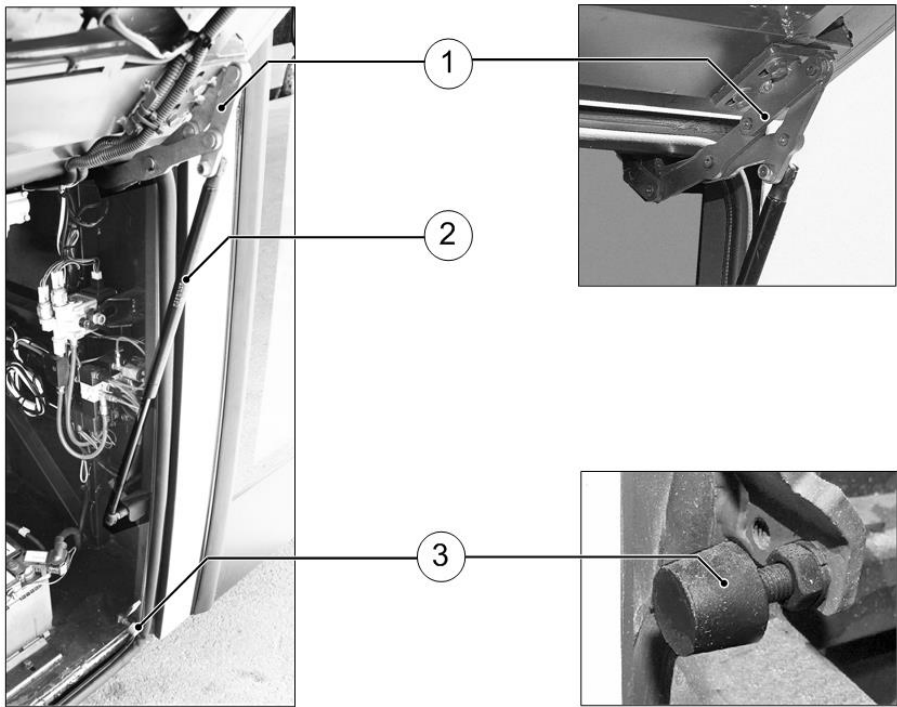
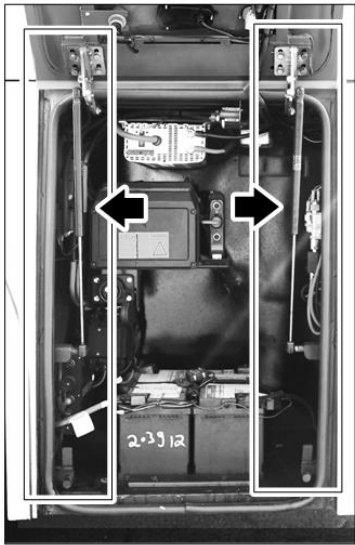
Exterior		MARS INTERCITY BUS VOLVO B8R chassis	 MERKAVIM Merkavim Transportation Technologies Ltd.
Right			
Draw. No. 41			

Battery Compartment



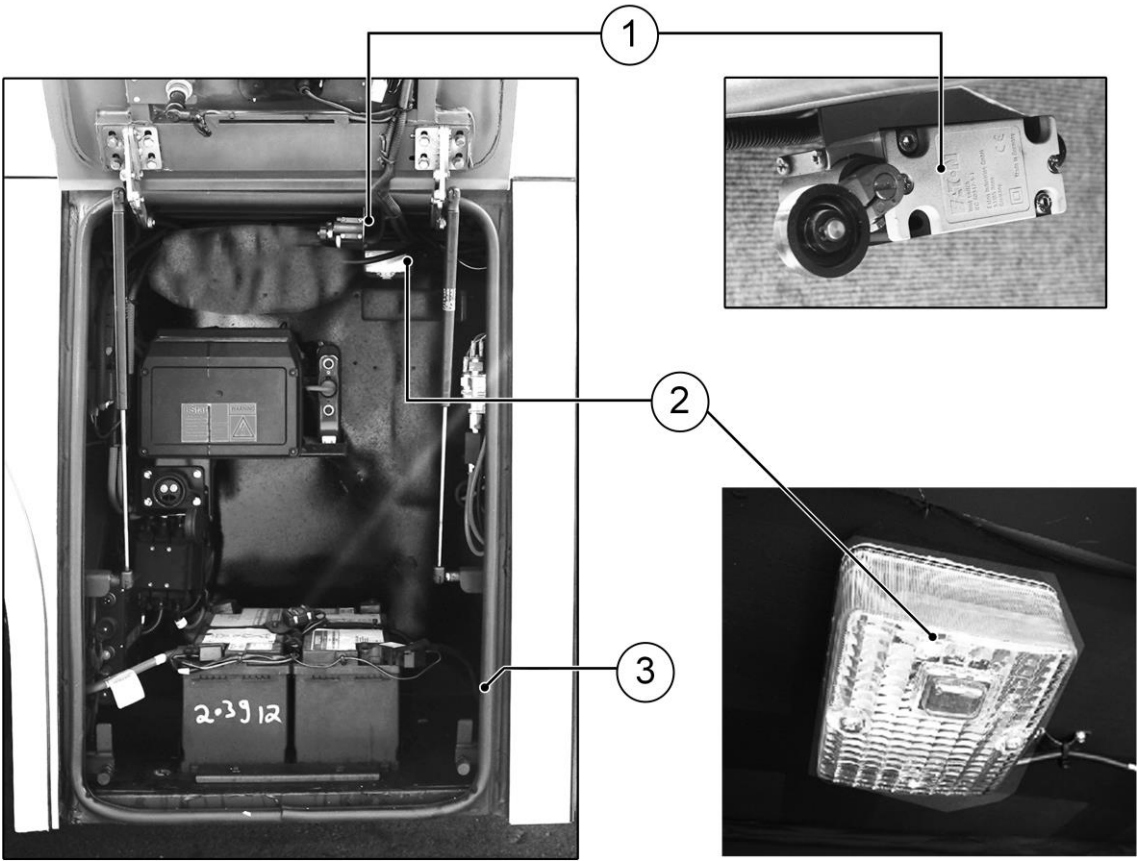
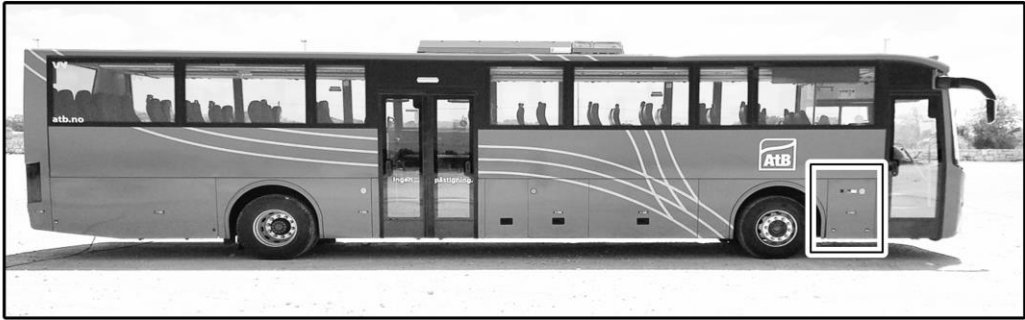
Battery Compartment

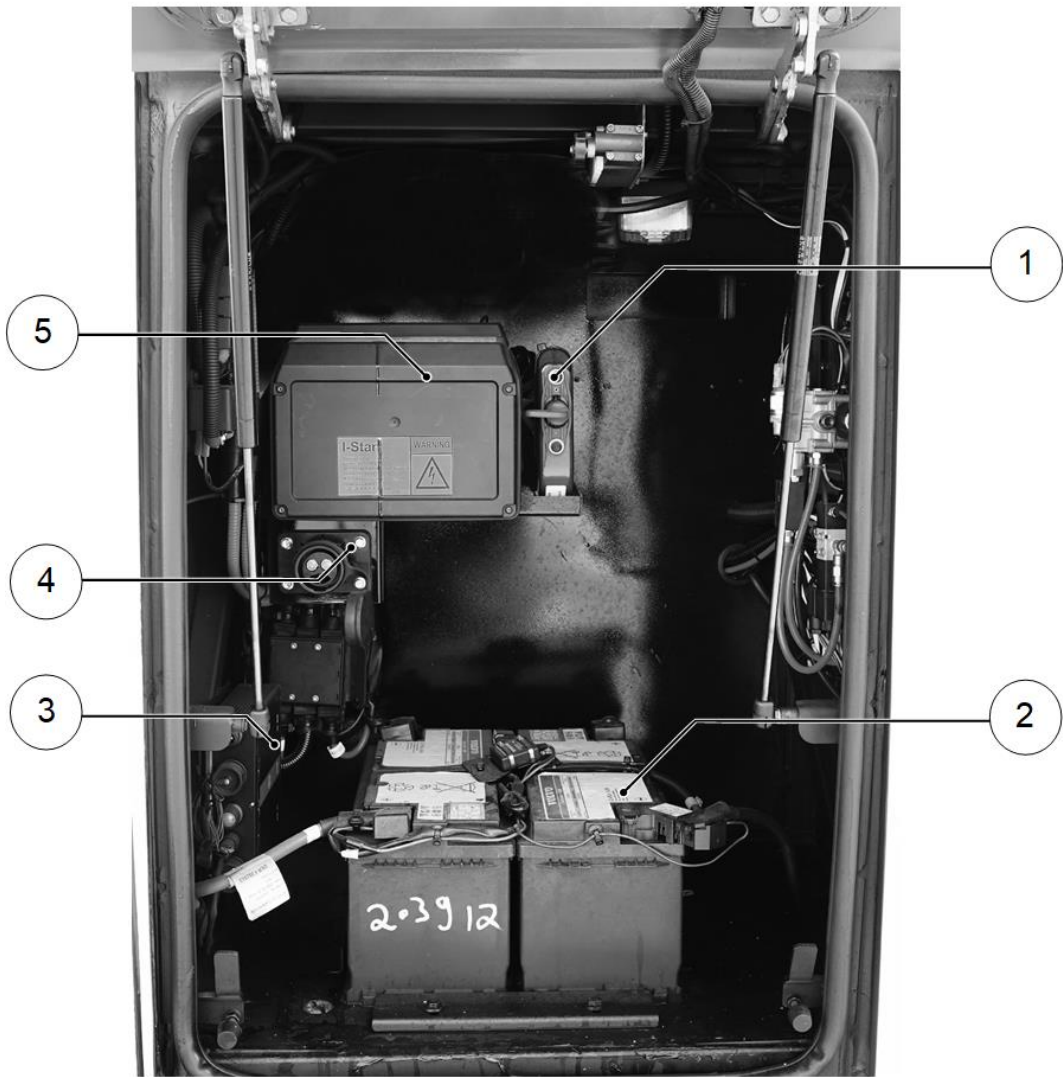
No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Side direction indicator	20-081253-355017	HELLA	2BM 008355-017	1
2	Plastic cover	59-038000-062853			1
3	Side marker light with reflector	20-254000-645001	HELLA	2PS 008645-00	1
4	External door push button	20-000280-027501		AK 27501	1
5	Connection plug	20-258837-200662		AK 661 ZZ	1
6	Connection cap 90	20-000000-965783	AMP	965783-1	1
7	Emka Rotary latch H24 AISI316	59-025253-602524	EMKA	Square Quarter Lock-H24	2
8	Door lock cover	59-025253-100097	EMKA	1000-97-01	2
9	Label External emergency opening	53-751716-000014			1
10	DECAL, NØDUTGANG, 121MM	53-751716-000011			1

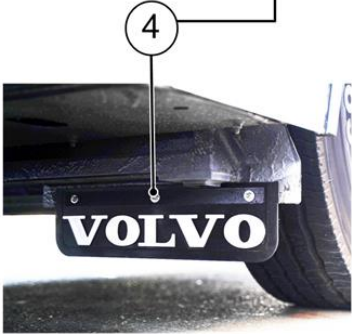
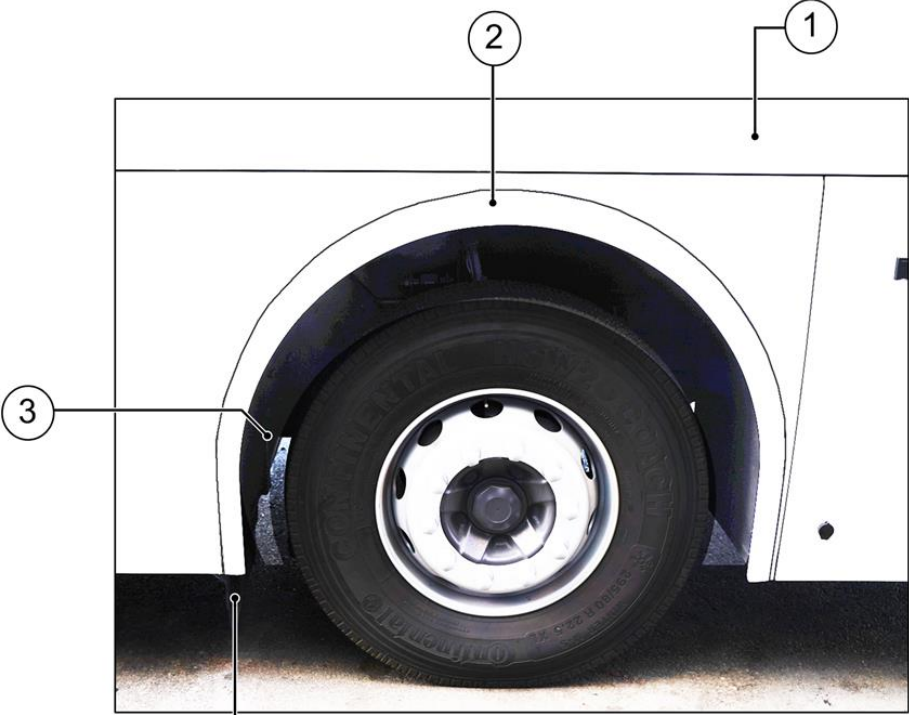


Battery Compartment

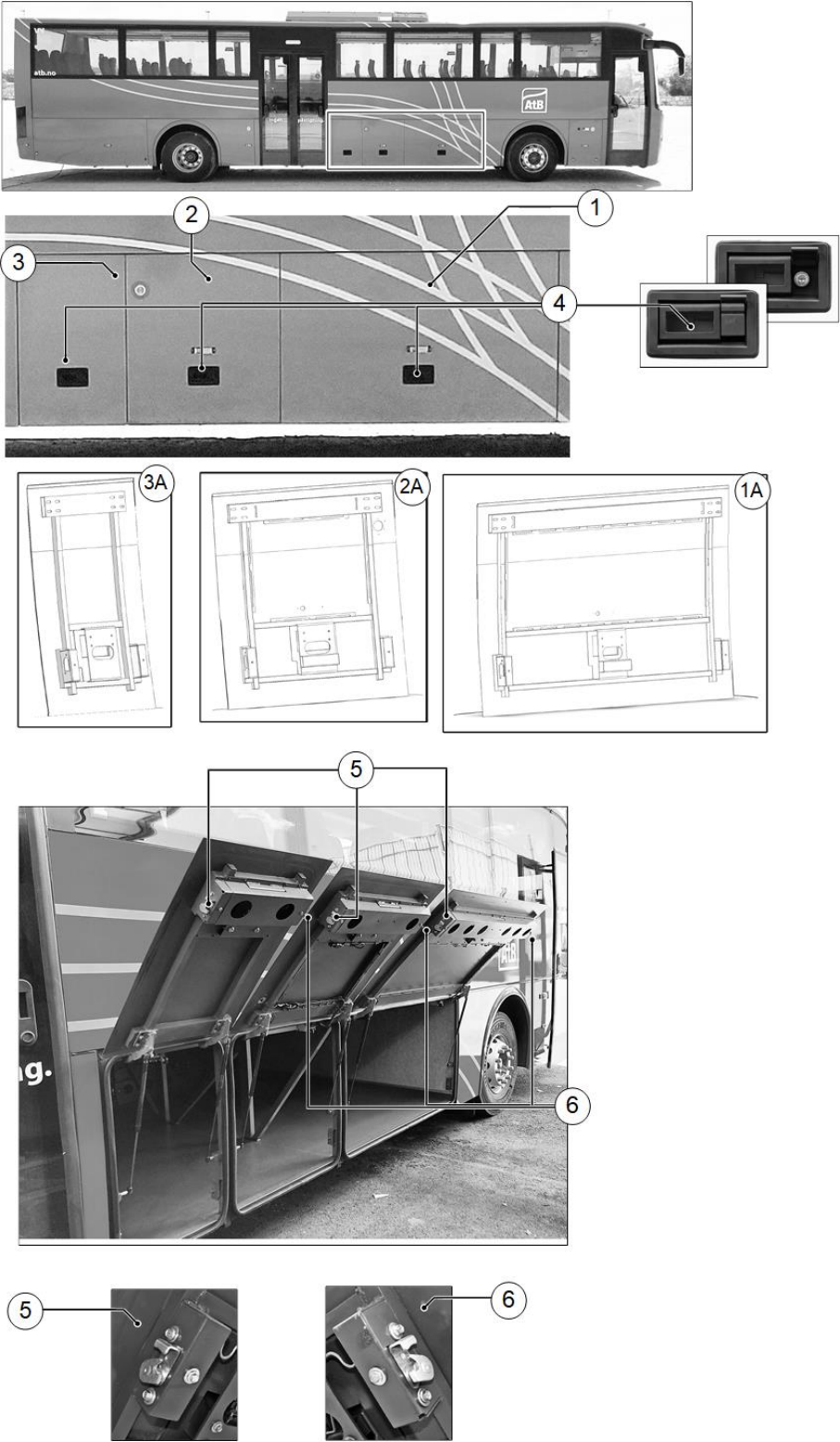
No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Scissor hinge59037180003312	V7020/82/977	Stabilus	083909 L585 300N	2
2	GAS BOOSTER 300N L-585	40-407448-083909			2
3	Rubber stopper M10x60	53-701117-082009			2





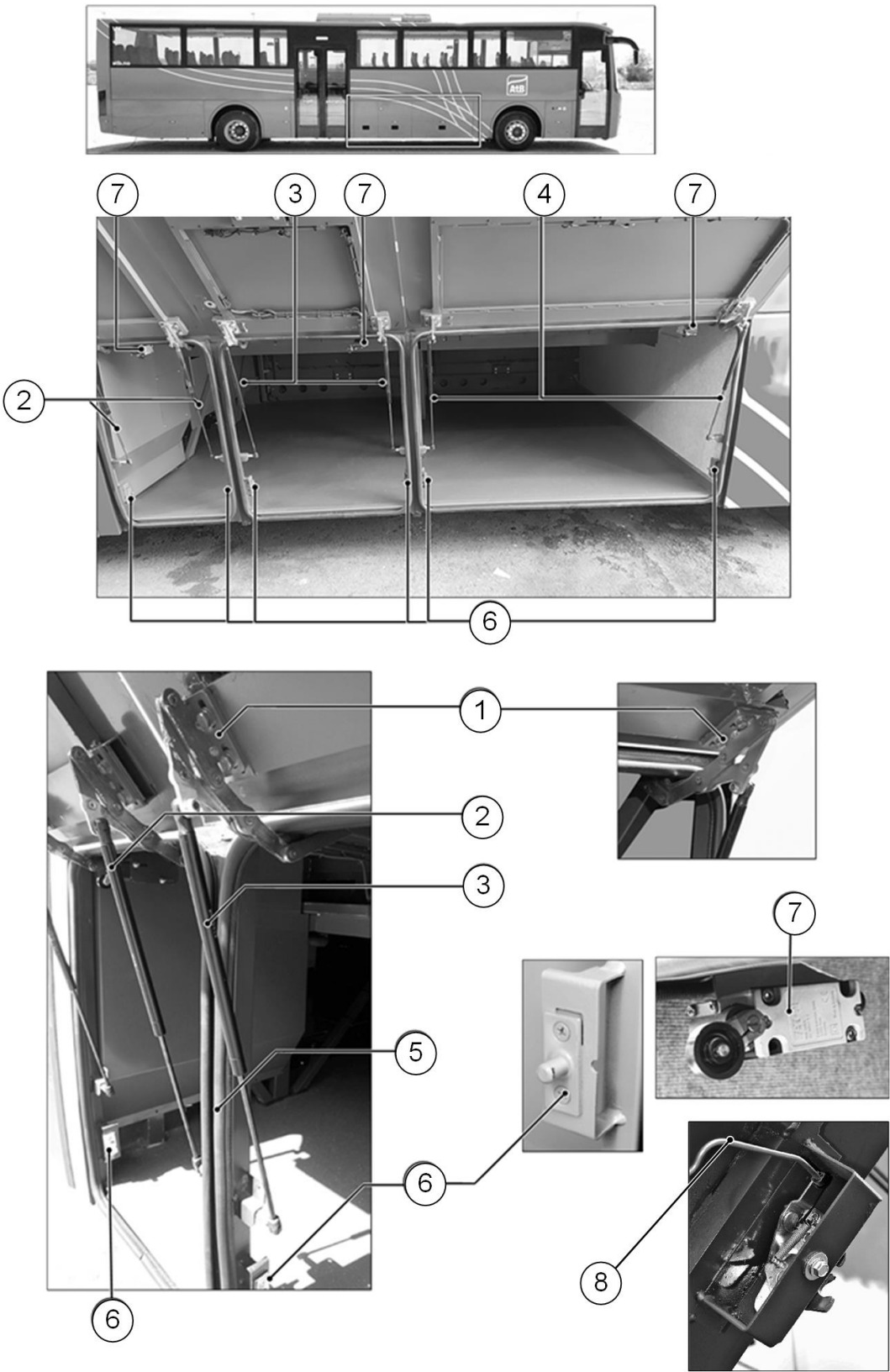


Front Right Wing



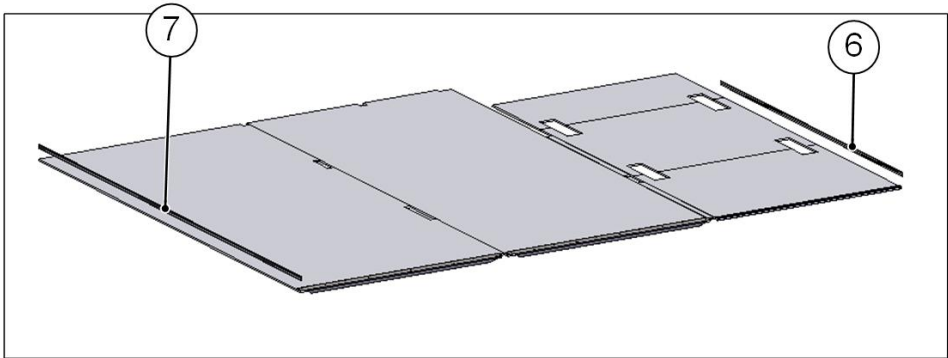
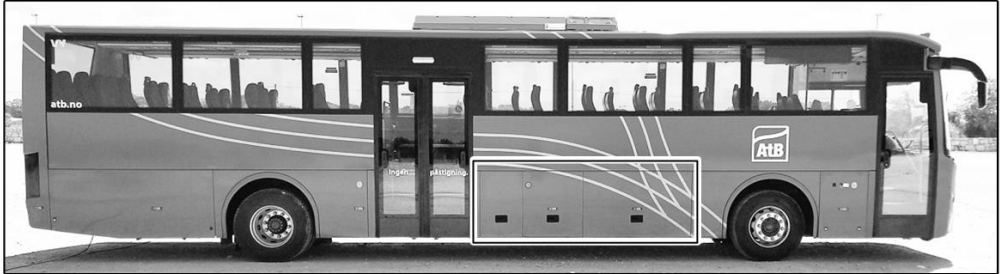
Luggage Compartment

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Right Front complete lggage door	V3501/20/910			1
A1	Right Front luggage glued door	V3501/20/911			1
2	Right middle complete luggage door	v3501/20/916			1
A2	Right middle luggage glued door	V3501/20/917			1
3	Left complete luggage door	V3492/20/917			1
A3	Right Rear luggage glued door	V3492/20/938			1
4	Door lock handle	58-772412-166119	PRIMA	P141J-66119-B	3
5	Right side lock	59-025253-000070	PRIMA	66940	3
6	Left side lock	59-025253-001070	PRIMA	51700	3
7	Plastic connector	59-025253-000094			2



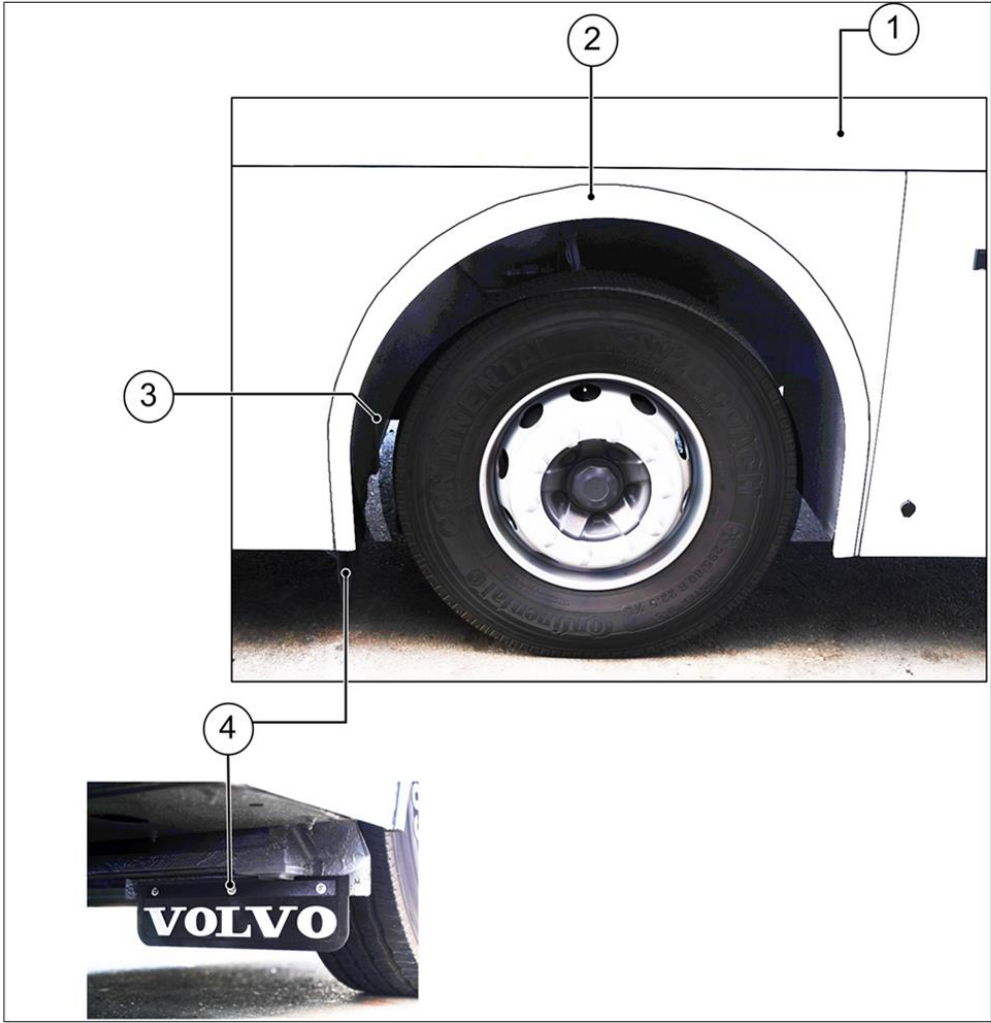
Luggage Compartment

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Scissor hinge59037180003312	V7020/82/977			6
2	GAS booster 300N L-585	40-407448-083909	Stabilus	083917 L585 300N	2
3	GAS BOOSTER 400N L-585	40-407448-083917	Stabilus	83917	2
4	Gas Spring, Lift-O-Mat, 500N, L-585, 083925	40-407448-083925	Stabilus	083925	2
5	Rubber seal	51-416117-000002			1
6	Door lock pin	V3391/08/937			6
7	Pulley switch	20-257194-113311			3
8	Plastic connector	59-025253-000094			2

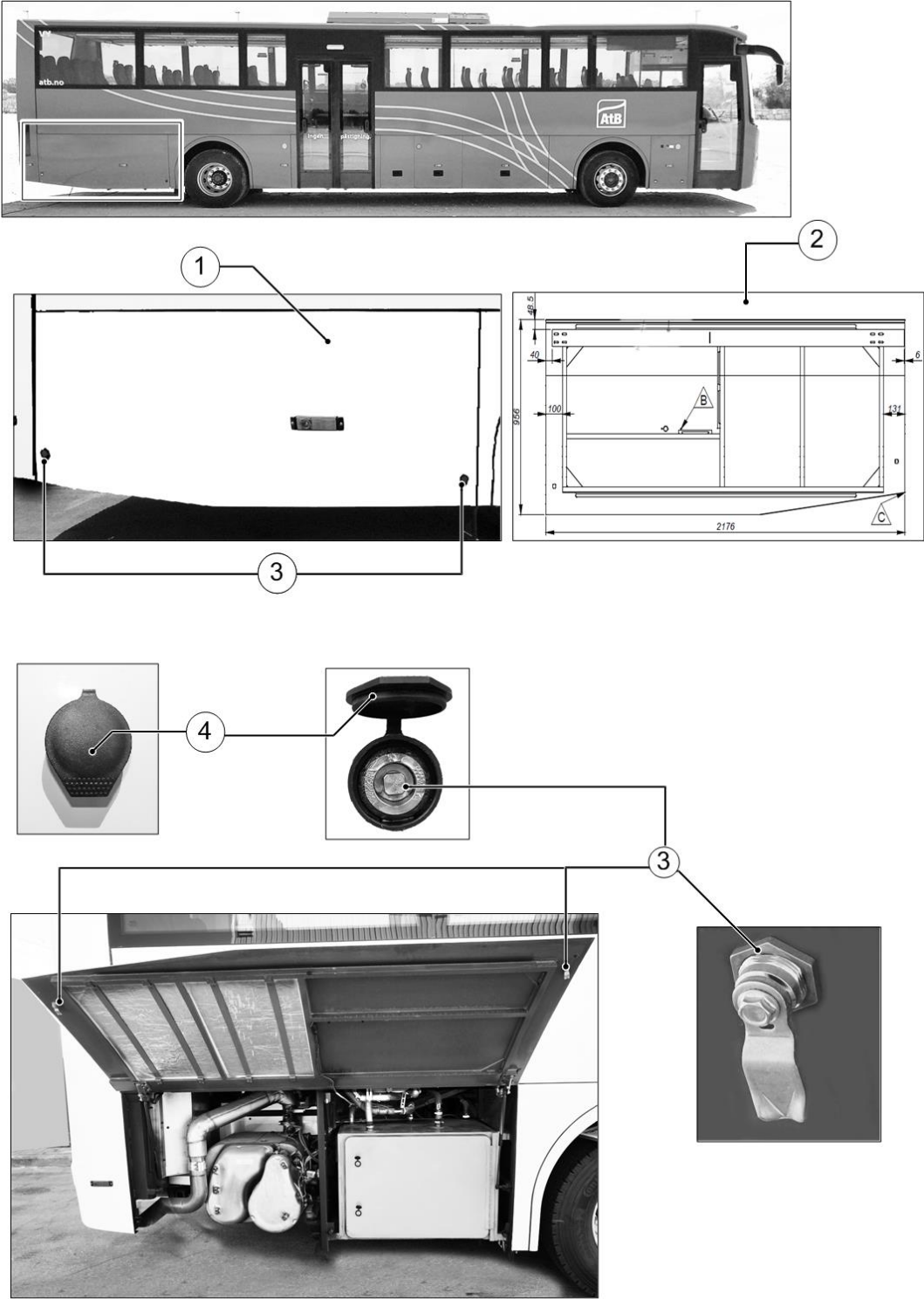


Luggage Compartment

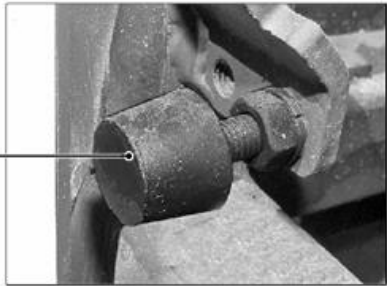
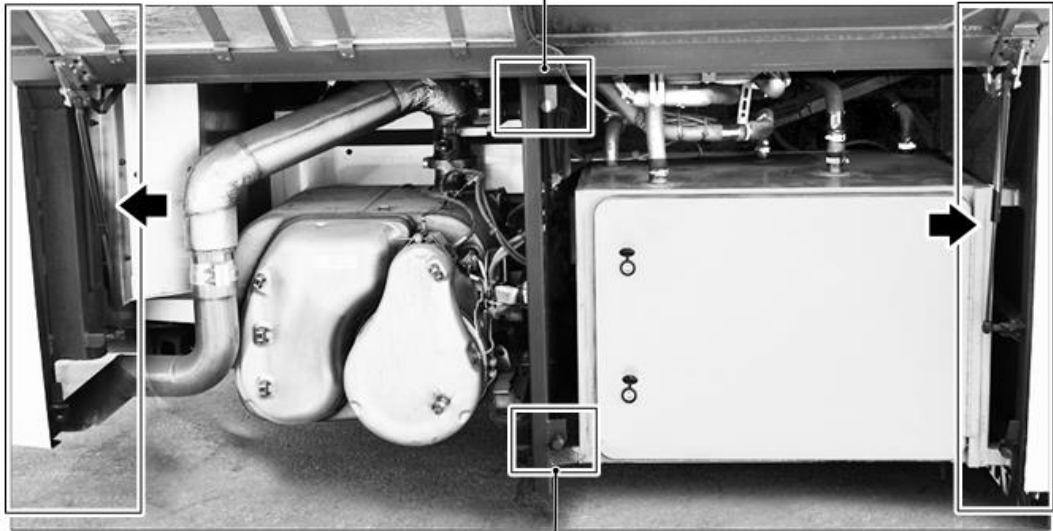
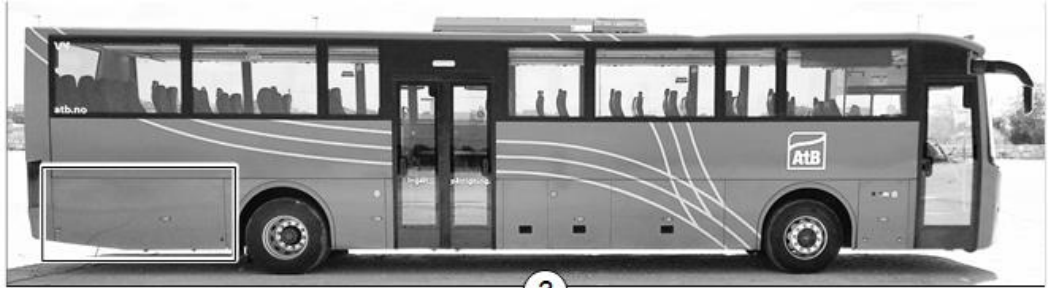
No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Right front luggege door inside cover	3501/20/013			1
2	Right middle luggege door inside cover	3501/20/016			1
3	Right rear luggege door inside cover	3492/20/021			1
4	LED light	20-254000-000060	ERA	012-HLC21H1.L	3
5	Stroller/disable red - green push button	20-256000-000004	MAFELEC	YSN2509	1
6	Profile 1310 rear	3492-29-069			1
7	Profile 1310 front	3384-29-055			1



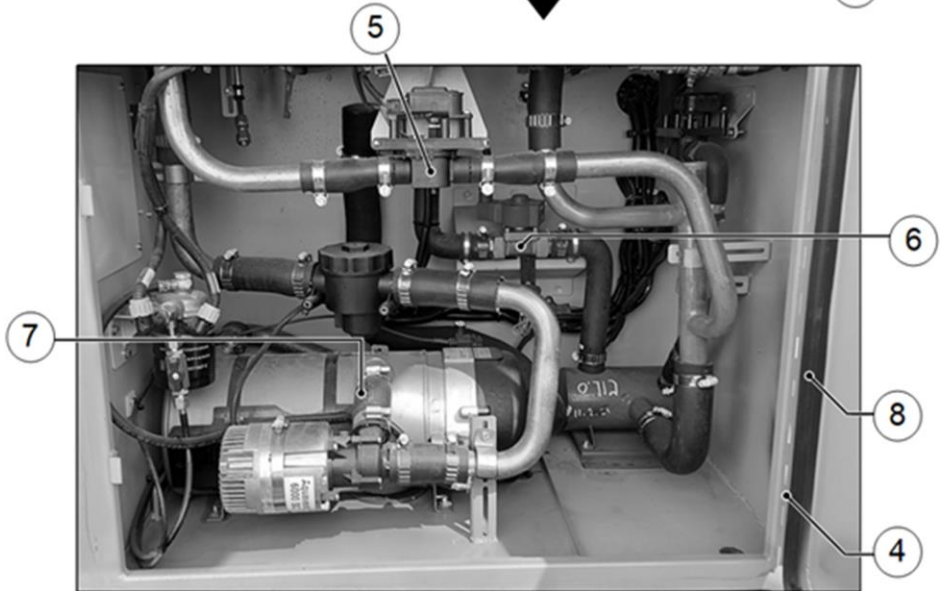
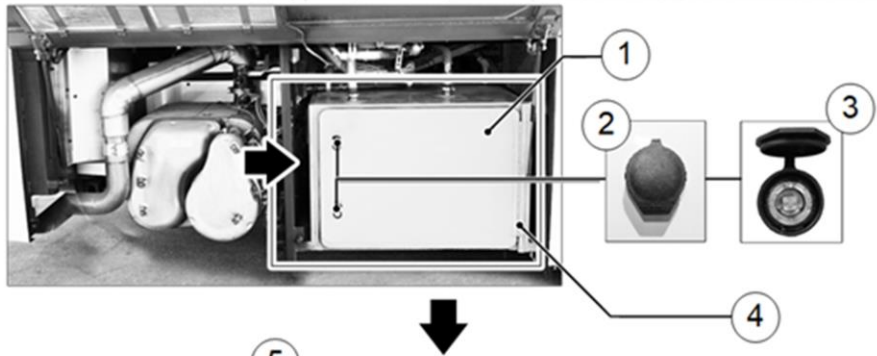
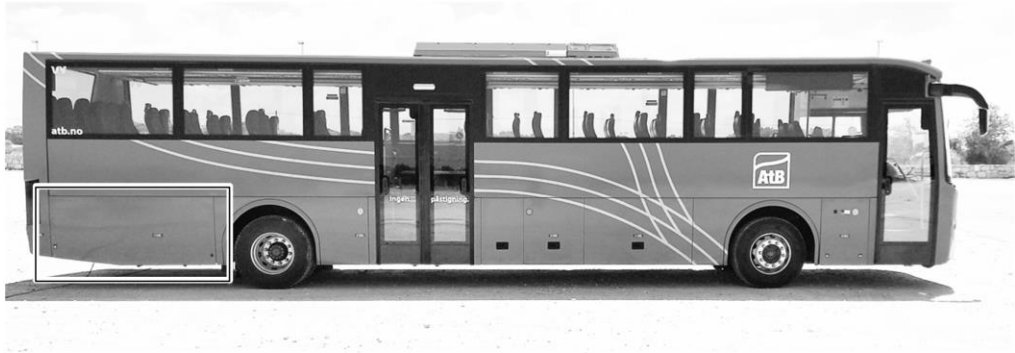
Rear Right Wing



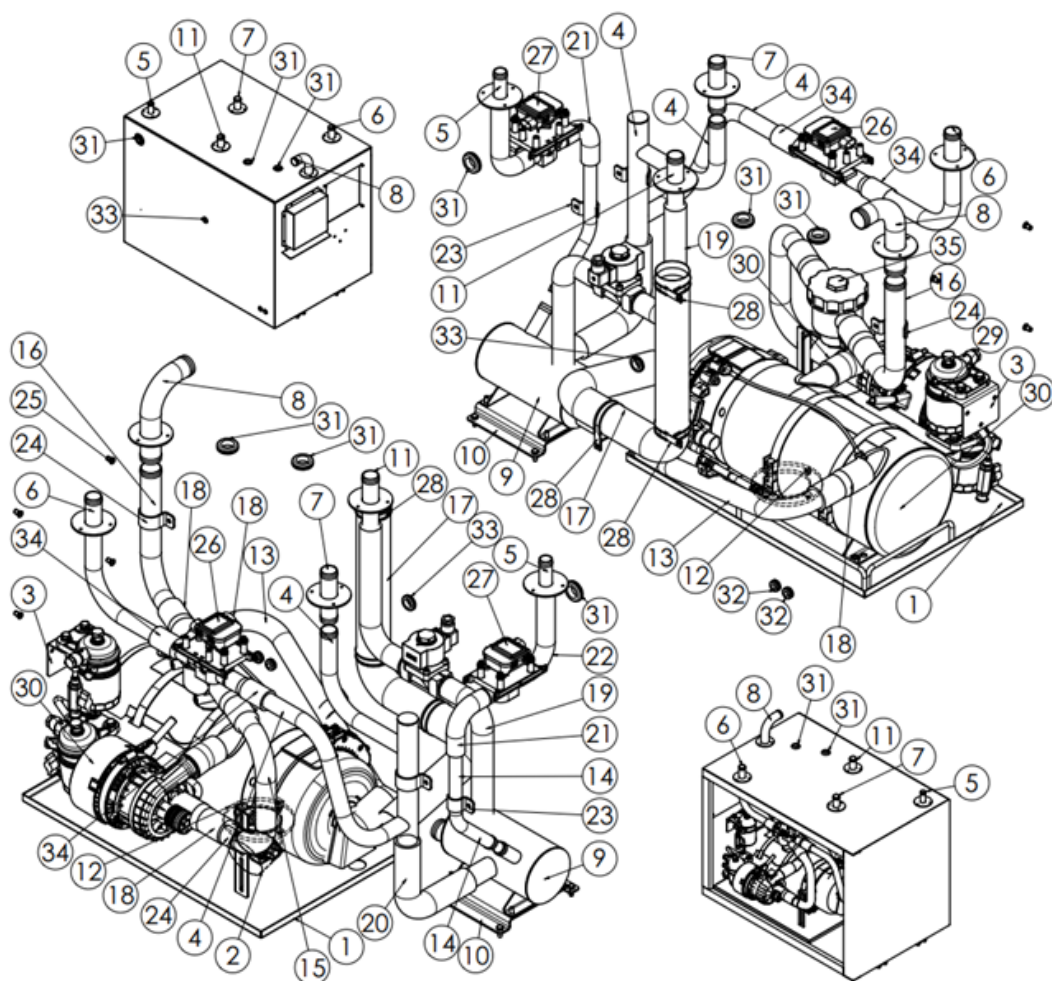
E6 EXHAUST SYSTEM / PREHEATER COMPARTMENT



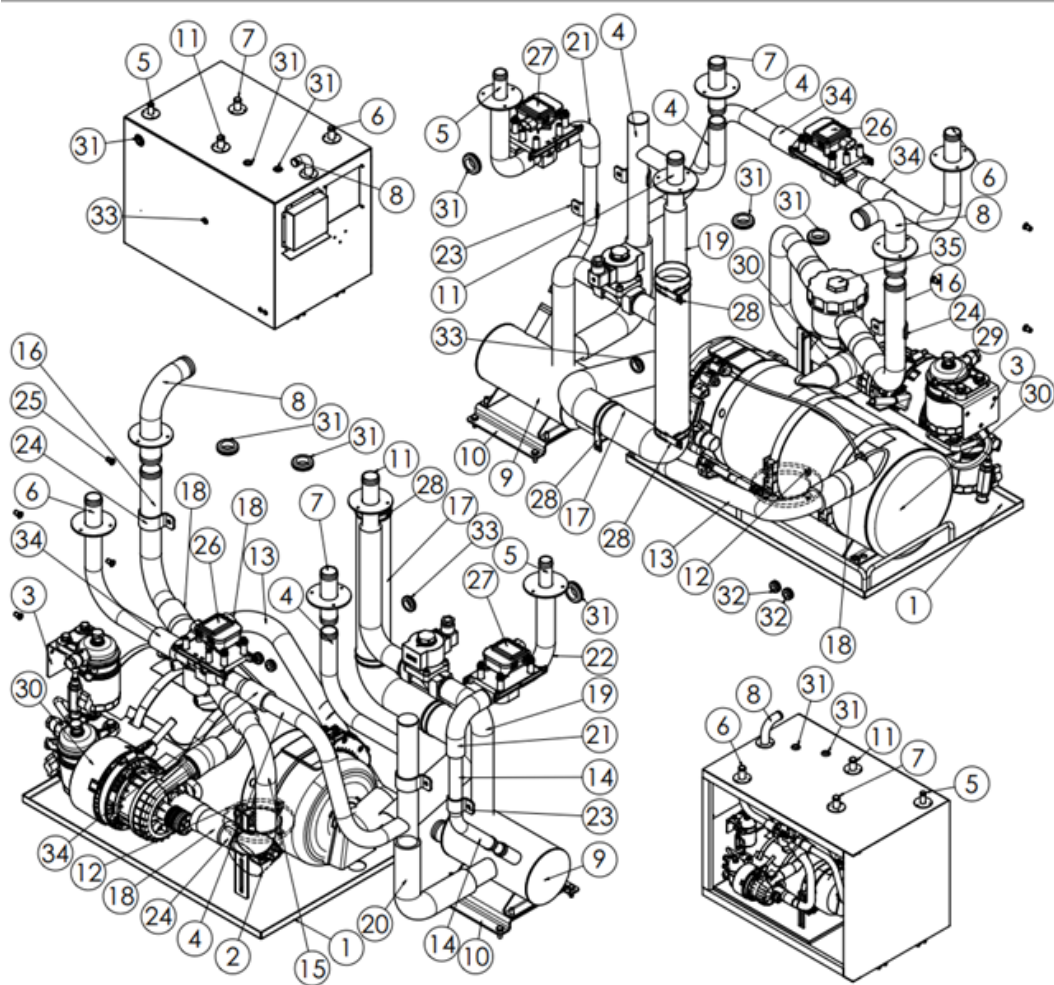
E6 Exhaust System / Preheater Compartment



No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Pre-heater metal door	3492/09/156			1
2	EMKA Rotary latch H24 AISI316	59-025253-602524	EMKA	Square quarter lock H24	2
3	Door lock cover	59-025253-100097	EMKA	1000-97-01	2
4	Axle strip SS	7009/92/067			1
5	Motorized Water Valve 22 mm + Switch WP	20-357147-400540	Sanz Clima	7.147.400.540	1
6	Motorized Water Valve On/Of 22mm WP Pedro San	20-357147-400541	Sanz Clima	7.147.400.541	1
7	Preheater Thermo Plus 300 Pump U4856	57-717011-138888	Sanz Clima	11138888-A-02	1
8	Rubber Profile F.R.A 00257	56-416117-000257	F.R.A	257	1

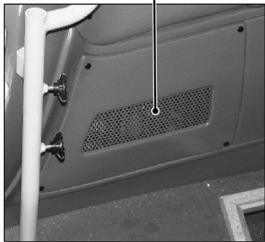
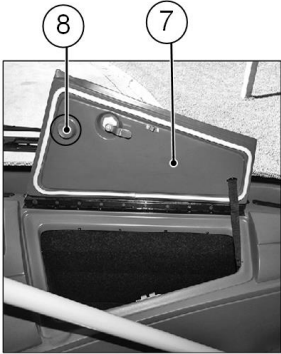
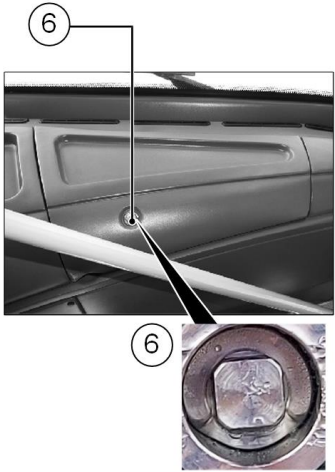
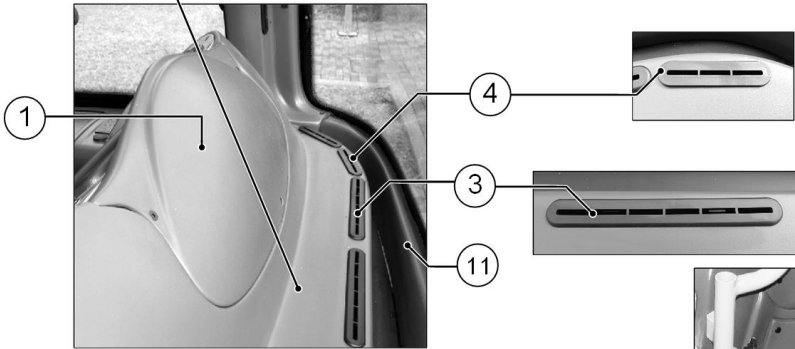
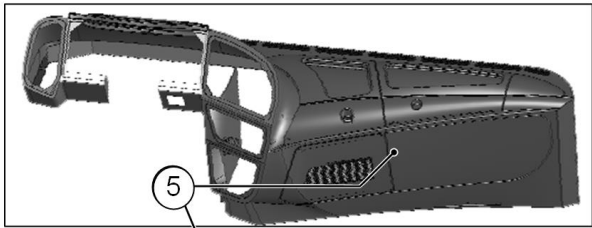
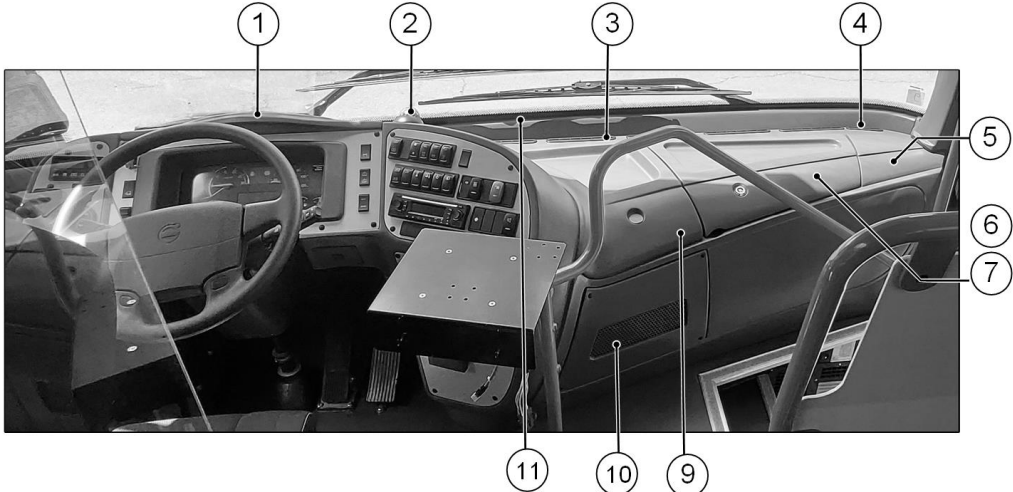


No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Plate	V3492/09/923			1
2	Exhaust	V3492/09/930			1
3	Fuel filter bracket	V3492/09/931			1
4	Pipe	V3492/65/933			1
5	Sleeve 22mm	V3492/65/935			1
6	Sleeve 28mm	V3492/65/938			1
7	Sleeve 28mm	V3492/65/939			1
8	Sleeve 35mm	V3492/65/945			1
9	Sleeve	V3492/65/955			1
10	Base	V3492/65/956			1
11	Sleeve 28mm	V3492/65/957			1
12	Base	3492/09/077			1
13	35x1.5x580 brass pipe	3492/65/101			1
14	22x1.5x304 brass pipe	3492/65/117			1
15	35x1.5x463 brass pipe	3492/65/121			1
16	35x1.5x358 brass pipe	3492/65/122			1
17	inlet pipe 55x900mm	3492/65/137			1
18	EPDM Sleeve 35-38 mm	7065/82/050			4
19	L-shape 150*150*28mm EPDM	7065/82/051			2
20	L-shape 150*150*35mm EPDM	7065/82/052			1
21	L-shape 150*150*22mm EPDM	7065/82/053			1
22	L-shape 150*150*22mm EPDM	7065/82/053			1
23	Anchor for 22mm pipe	7065/92/008			1

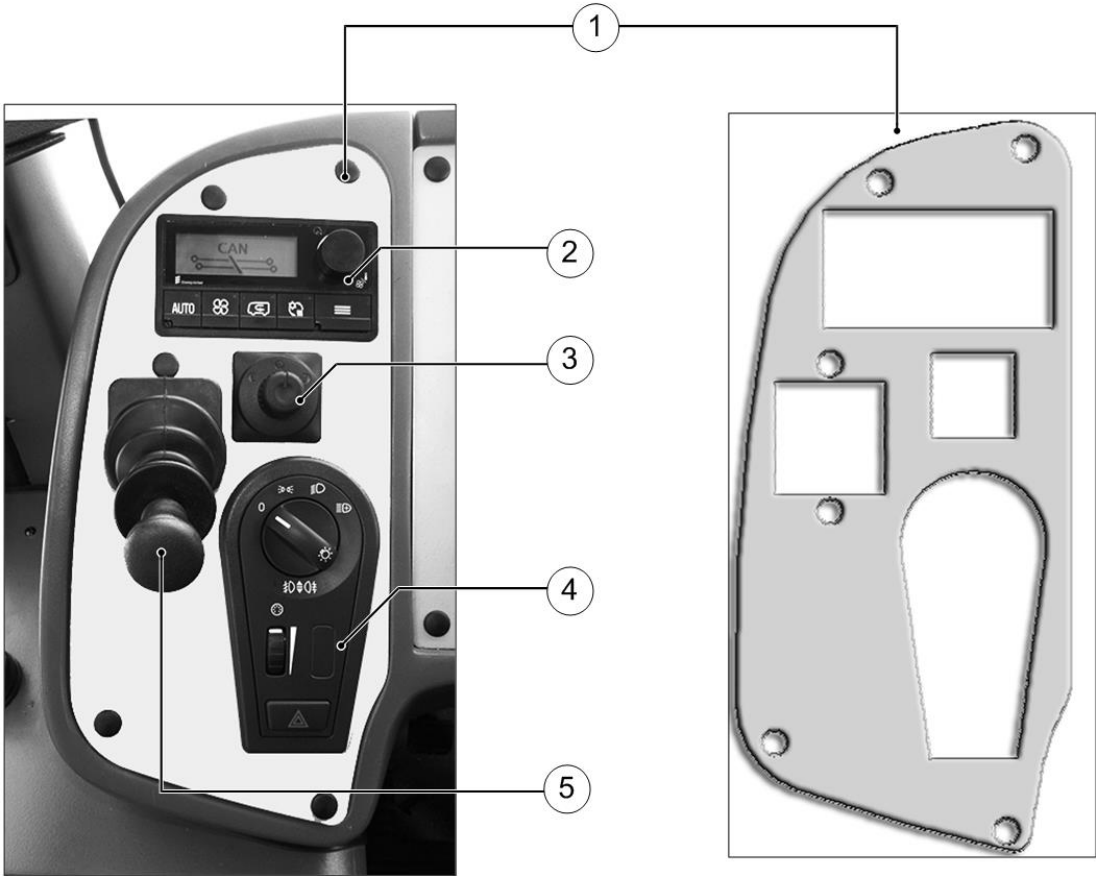


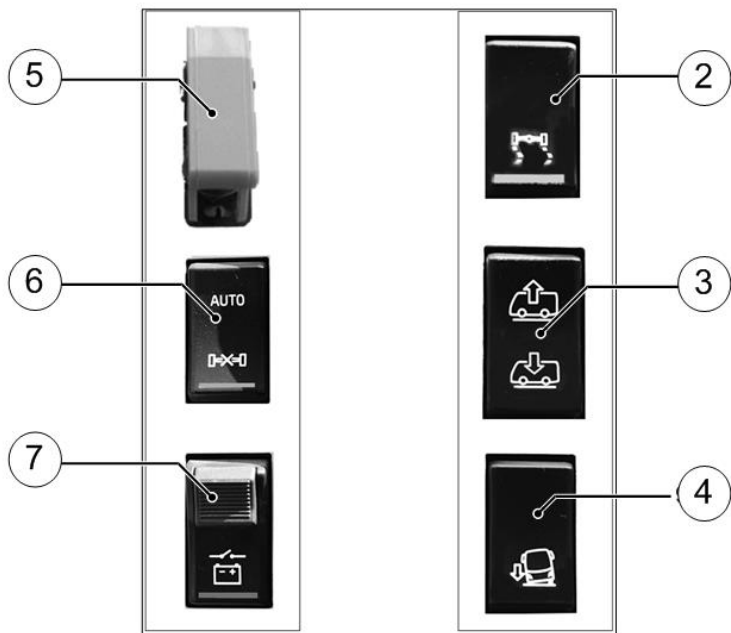
No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
24	Anchor for 35mm pipe	7065/92/014			4
25	M5 steel Nut flat open head	11-000000-000005			4
26	Motorized Water Valve 22 mm+Switch WP	20-357147-400540			1
27	MotorizedWaterValveOn/Of22mmWP PedroSanz	20-357147-400541			1
28	Tube Clamp,56mm + 12mm wide Rubber Cover	20-047408-000056			3
29	Fuel filter				1
30	Preheater Thermo Plus 300 Pump U4856	57-717011-138888			1
31	Rubber ring 9x12	60-416000-009012			2
32	Rubber ring 16x27	60-416000-027016			1
33	Rubber ring 36x22 mm	60-416000-036022			3
34	EPDM Sleeve 22-28 mm	63-253714-700164			2
35	Strainer DN 25 Pedro Sanz	57-718498-125000			1

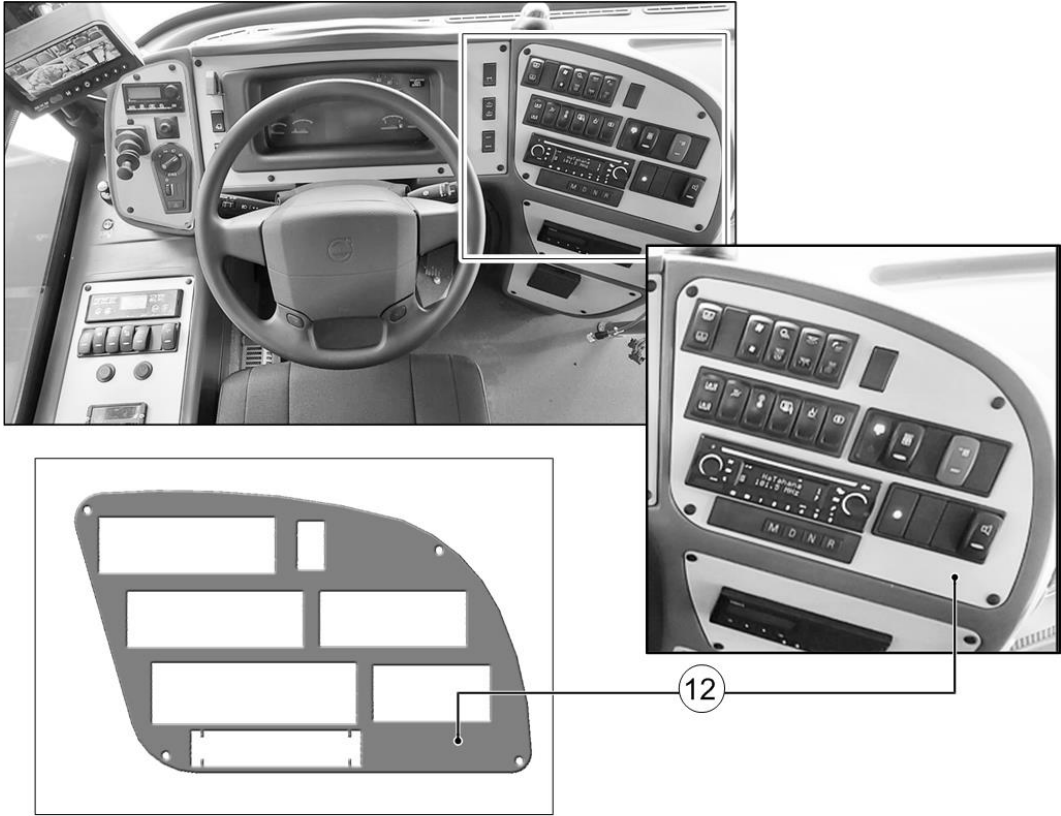
Driver Area



No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Instrument board cover	V7058/95/9531			1
2	Front road CAMERA IR+AUDIO, 130 deg	20-000062-502173	NEXT MXN	62502173	1
3	Air diffuser vent P.169 long type	57-717000-270610	PRIMA	-64007	8
4	Air diffuser vent P.169 short type	57-717000-270611	PRIMA	-64007	8
5	Complete dashbord panel	V3492/58/920			1
6	EMKA H77 Quarter-turn Lock 8mm	59-025253-068077	StarCool	EMKA	1
7	Driver luggage/refrigerator door	V7058/95/9534			1
8	Cover	7058/82/195	StarCool	HAM B06 06 146	1
9	Dashbord service upper cover	V7058/95/9533			1
10	Cover with grille	V7058/95/9527			1
11	Front window threshold	V7058/95/9547			1



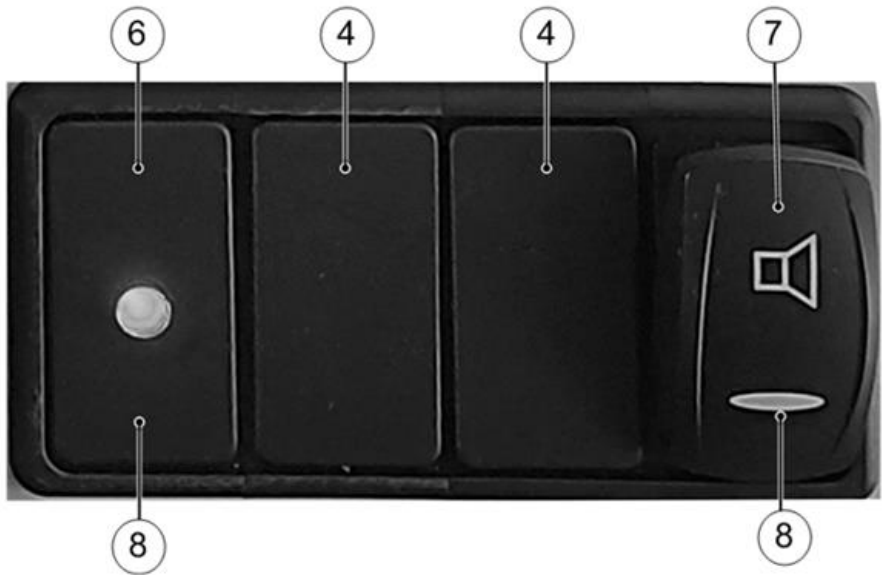
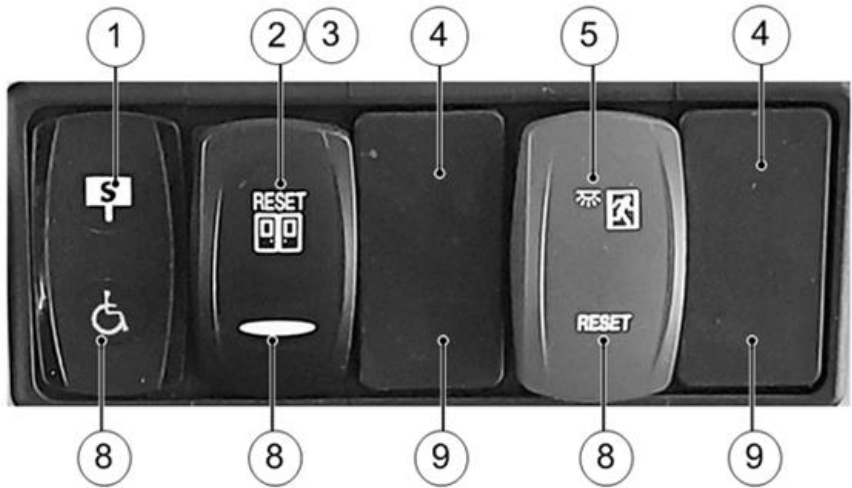




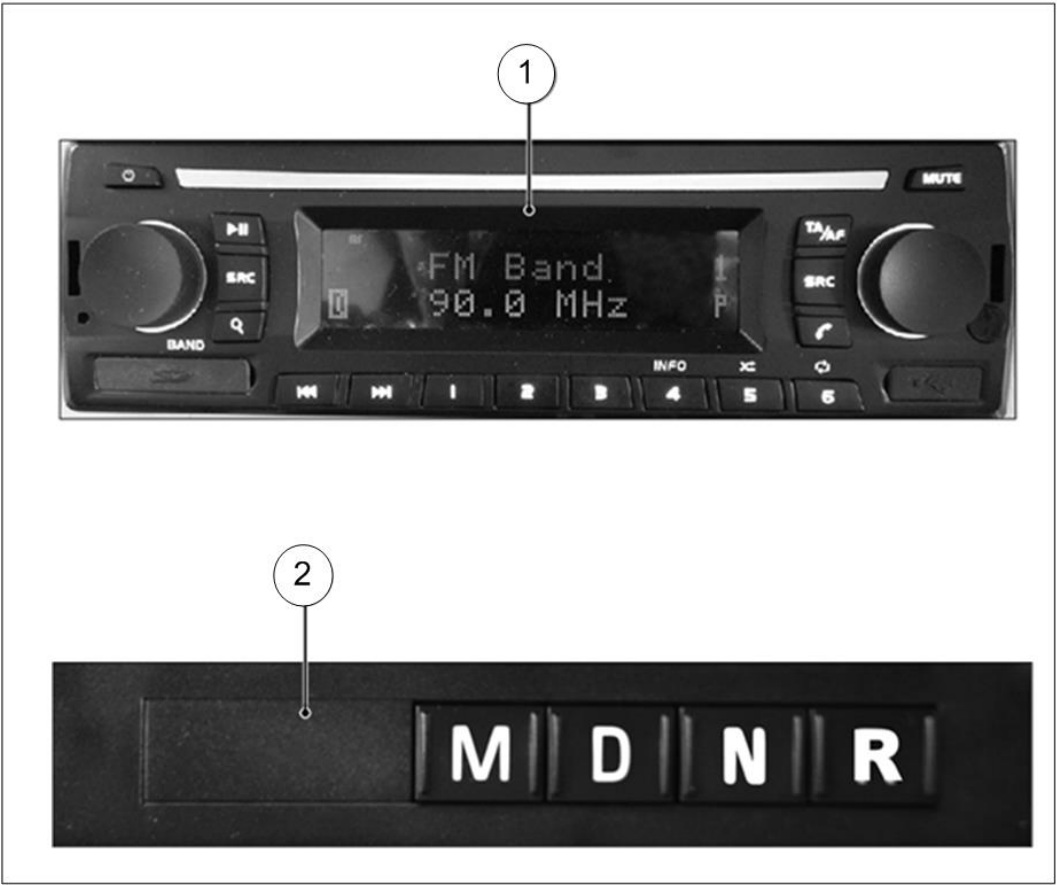
Driver Area

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Switch sun curtian	20-265040-010062	ACTIA	AY40010062	1
2	Switch driver fan	20-265040-010063	ACTIA	AY40010063	1
3	Switch driver light	20-265040-010070	ACTIA	AY40010070	1
4	Switch interior light	20-265040-010086	ACTIA	AY40010086	1
5	Switch night/read light	20-265040-040092	ACTIA	AY400AS92	1
6	Switch passenger heater	20-265040-010064	ACTIA	AY40010064	1
7	Switch stairs heating	20-265040-040093	ACTIA	AY400AS93	1
8	Switch rear camera cleaner	20-265040-040082	ACTIA	AY400AS82	1
9	Switch mirror defroster	20-265040-040083	ACTIA	AY400AS83	1
10	Switch wheelchair lift	20-265040-040084	ACTIA	AY400AS84	1
11	Switch door breake	20-265040-040085	ACTIA	AY400AS85	1
12	ZF panel multiflex Actia	3492/59/010			1

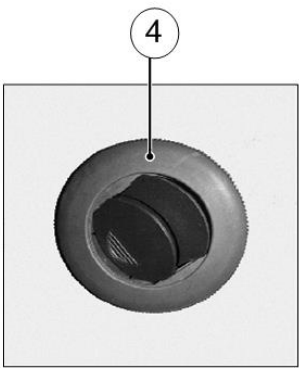
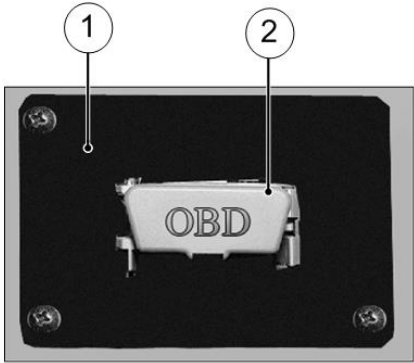
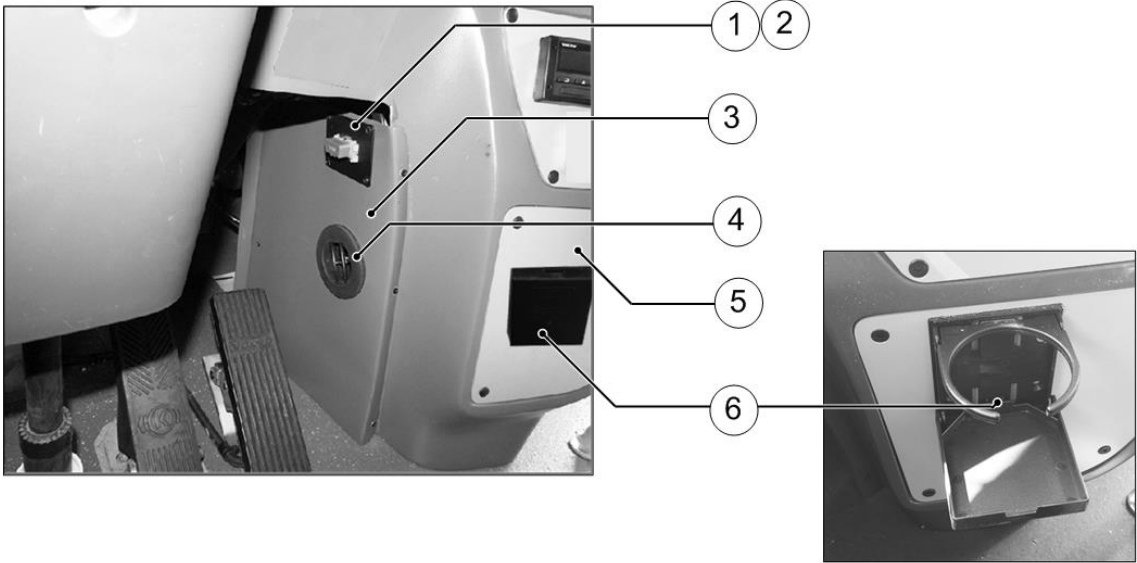
Driver Area



No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	24V Double RED control lamp VLP-34100893	20-357147-400540	Carling	VLP-34100893	1
2	Toggeling switch, 0-1, 24V, 70369701	20-000070-369701	Carling	VXB2UXJB-00000-000- XVB2 70369701	1
3	Cover for door reaset switch 468-36250-001	20-000022-080871	Carling	468-36250-001	1
4	Cover	57-717011-138888	Carling	VHP-01 70369713	2
5	1-0-2 Toggling UP/DOWN Emergency light	20-000070-000211	Carling	VXB2UPPB-PZSXX- 1XX-XP1	
6	LED INDICATOR,24V,MULTI- COLOUR Cameras	20-000625-022071	VEST	625022071	1
7	Switch_ VDB2UXJB-00000-000- XVB1	20-000000-369700	Carling	VDB2UXJB-00000-000- XVB1 70369700	1
8	Cover for switch loudspeaker 70369776	20-000703-369755	Carling	VVPZCXX-1XX- XLE170369776	1
9	Holder for switch VME	20-000070-377143	Carling	536-11583- 00170377143	7
10	Holder for switch VMM	20-000070-369711	Carling	536-11582- 00170369711	2

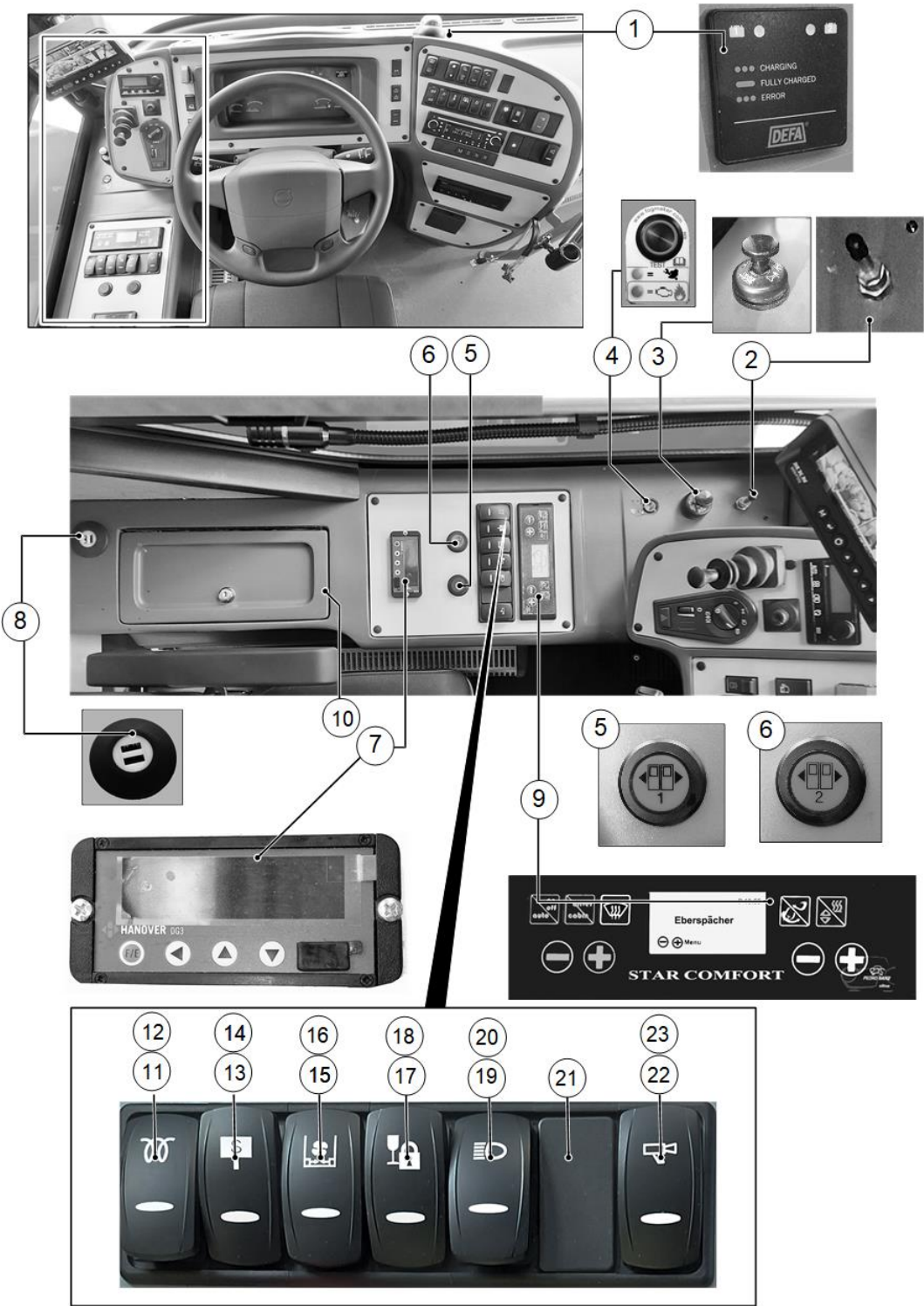




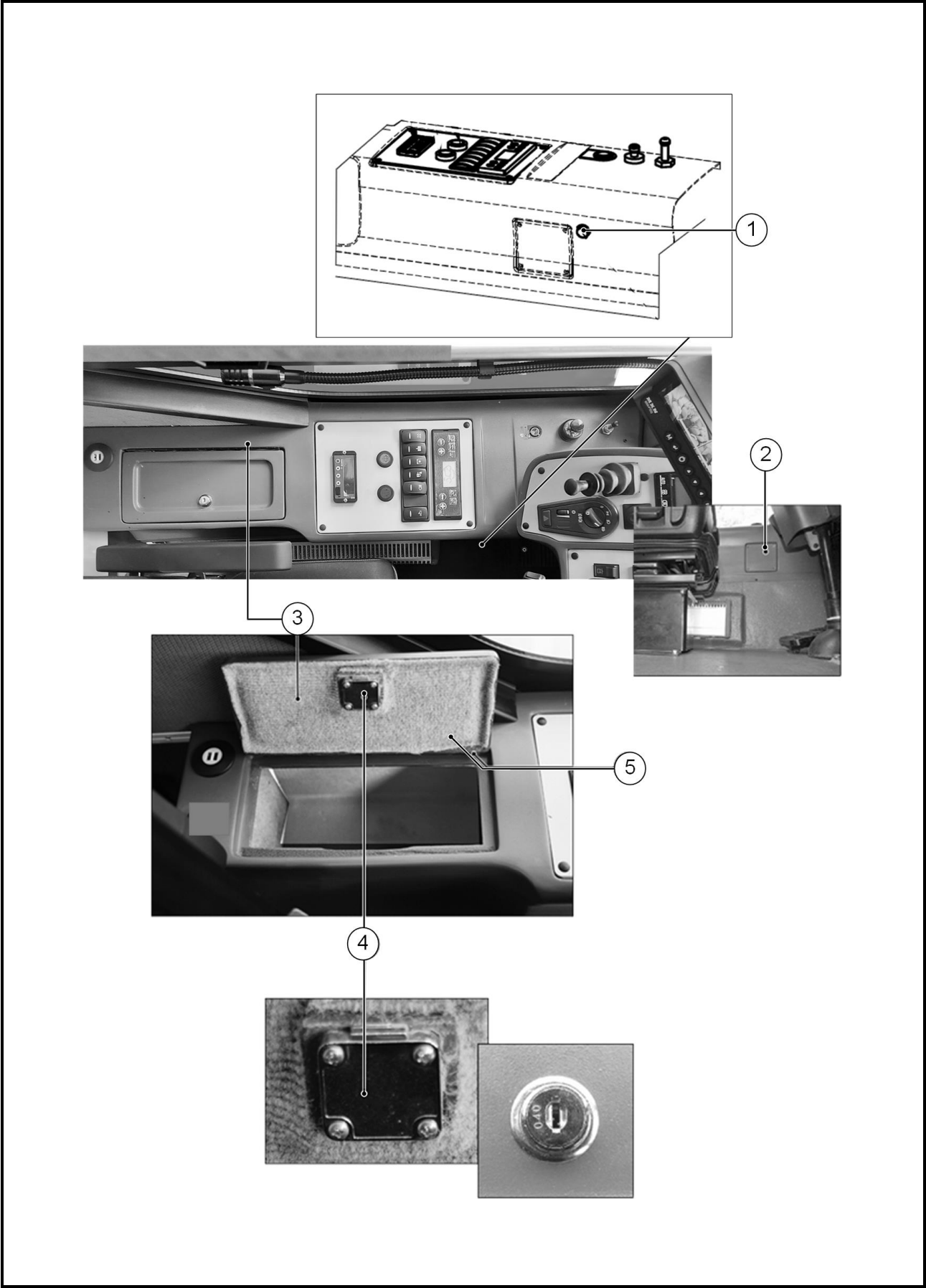


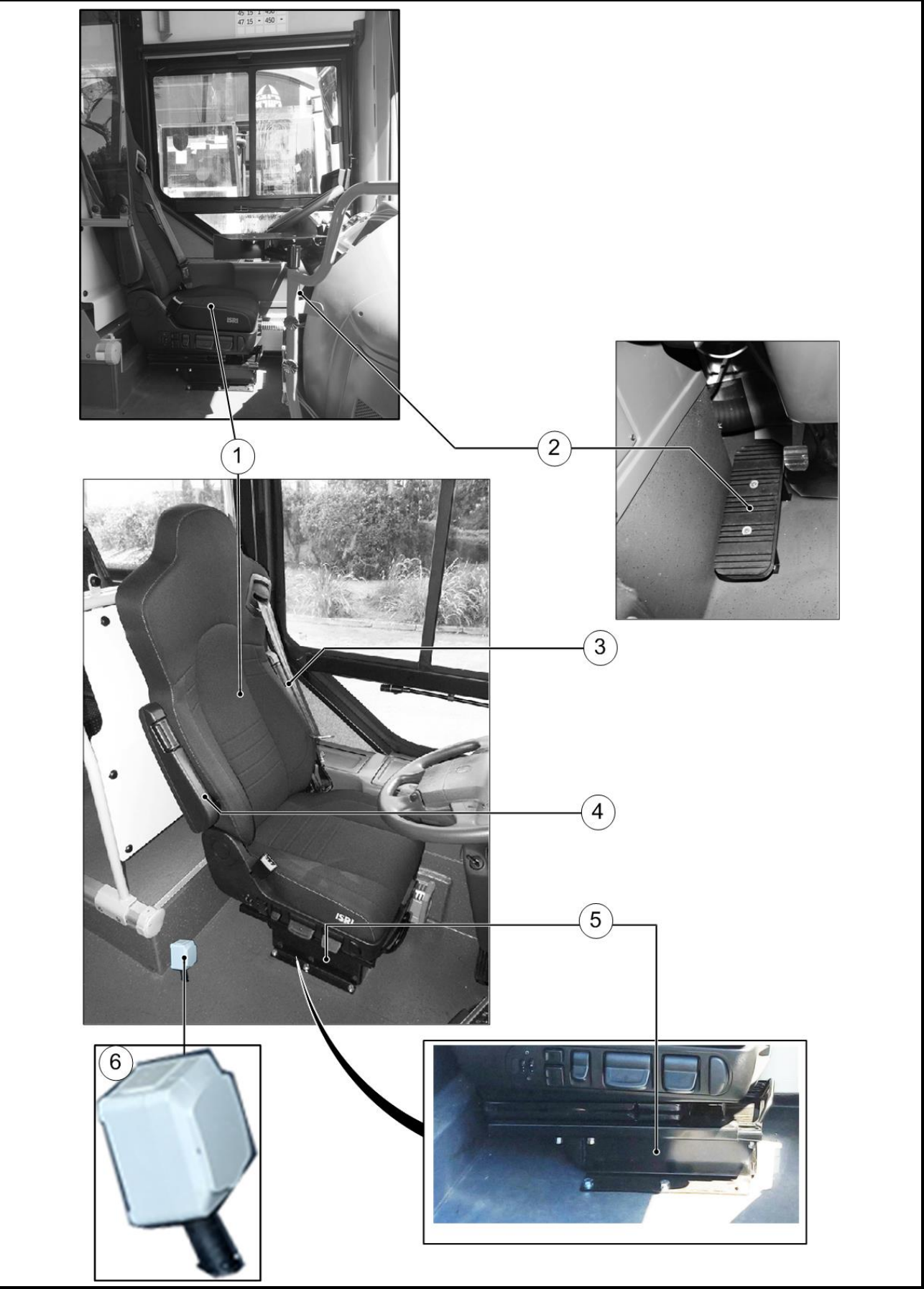
Driver Area

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	OBD panel	7059/92/008	VOLVO	part	1
2	OBD plug				1
3	Side low panel	V7058/95/9536	AURORA	334-2200007	1
4	Air louver	55-728000-750131			1
5	Center low panel	7059/92/067			1
6	Cup holder	54-750804-503072			1

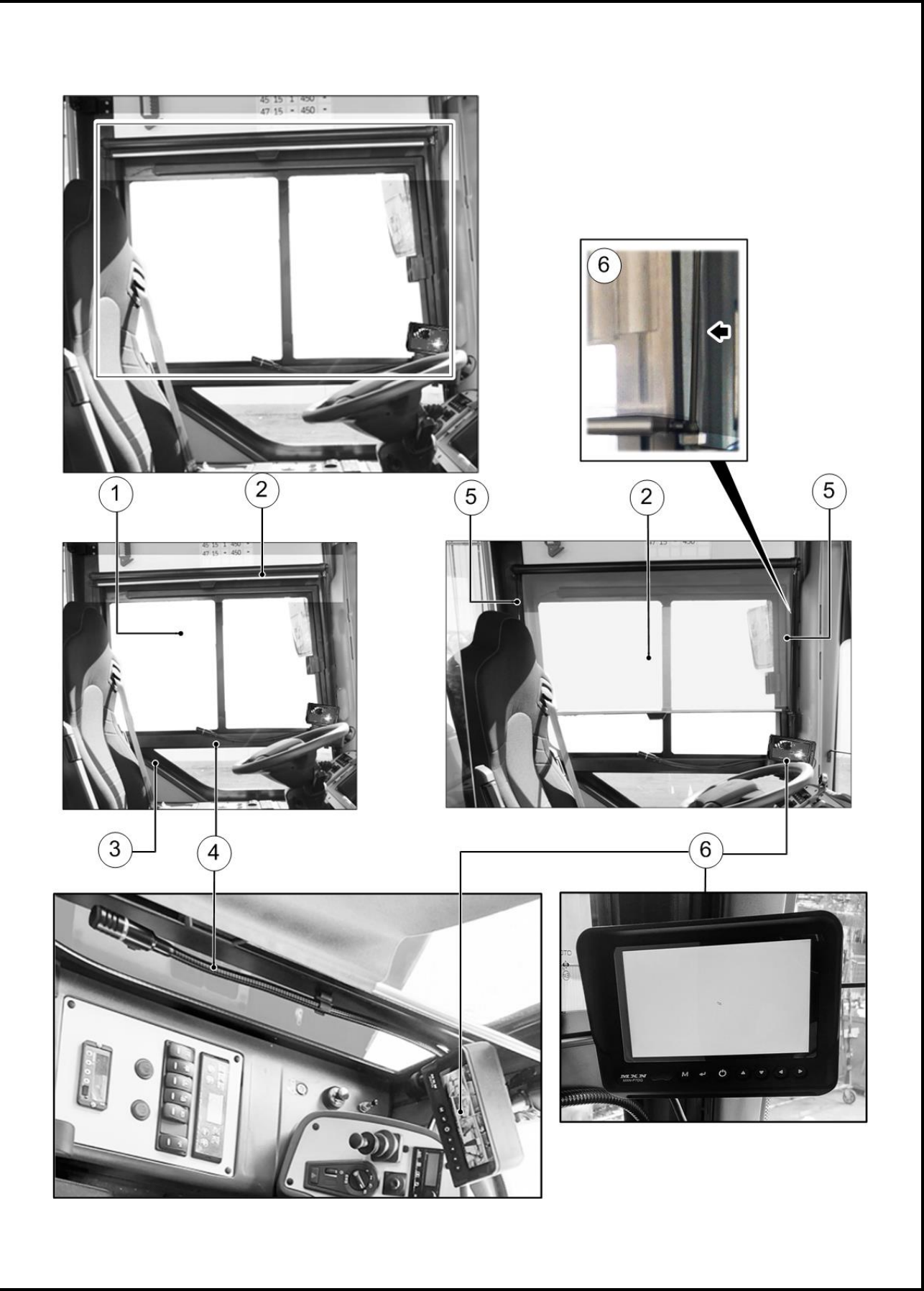


No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Remote panel DEFA 705163	20-000000-705163		VOLVO	1
2	Releasing maxi brake				1
3	Blocking valve				1
4	Fogmaker test knob	54-709060-006507		Fogmaker	1
5	Door 1 push button	20-081255-036239		EAO	1
6	Door 2 push button	20-081255-036240		EAO	1
7	Hanover Controller DG3-05-00withEthernet	53-707052-020324			1
8	Power socket USB	20-000000-122422		SANEL	1
9	Control Unit Smart Comfort Heating	57-717807-600176		Sanz Clima	1
10	Left instrument panel	V3492/58/913		Carling	
11	Actuator pre-heat VVPZCYD-1RU-XDPH1	20-000070-000457		Carling	1
12	SWITCH 0-1 , 24V 70369706	20-000000-369706		Carling	1
13	Cover for switch next stop	20-000703-369757		Carling	1
14	SWITCH 0-1 , 24V 70369706	20-000000-369706		Carling	1
15	Cover for switch Passenger heating fan	20-000703-369752		Carling	
16	Switch,2-0-1,24V,CARLING 70369705	20-000000-369705		Carling	
17	Actuator cover Alcolock 468-33733-001	20-000021-361015		Carling	1
18	Toggeling Switch, 0-1, 24V,	20-000070-369701		Carling	1
19	Actuator cover Extra Beam 468-	20-000070-369736		Carling	1
20	SWITCH 0-1 , 24V 70369706	20-000000-369706		Carling	1
21	Cover	57-717011-138888		Carling	1
22	Switch 0-1-2 24V CARLING 70369704	20-000070-369704		Carling	1
23	Cover for switch CAMERA	20-000070-369780			1



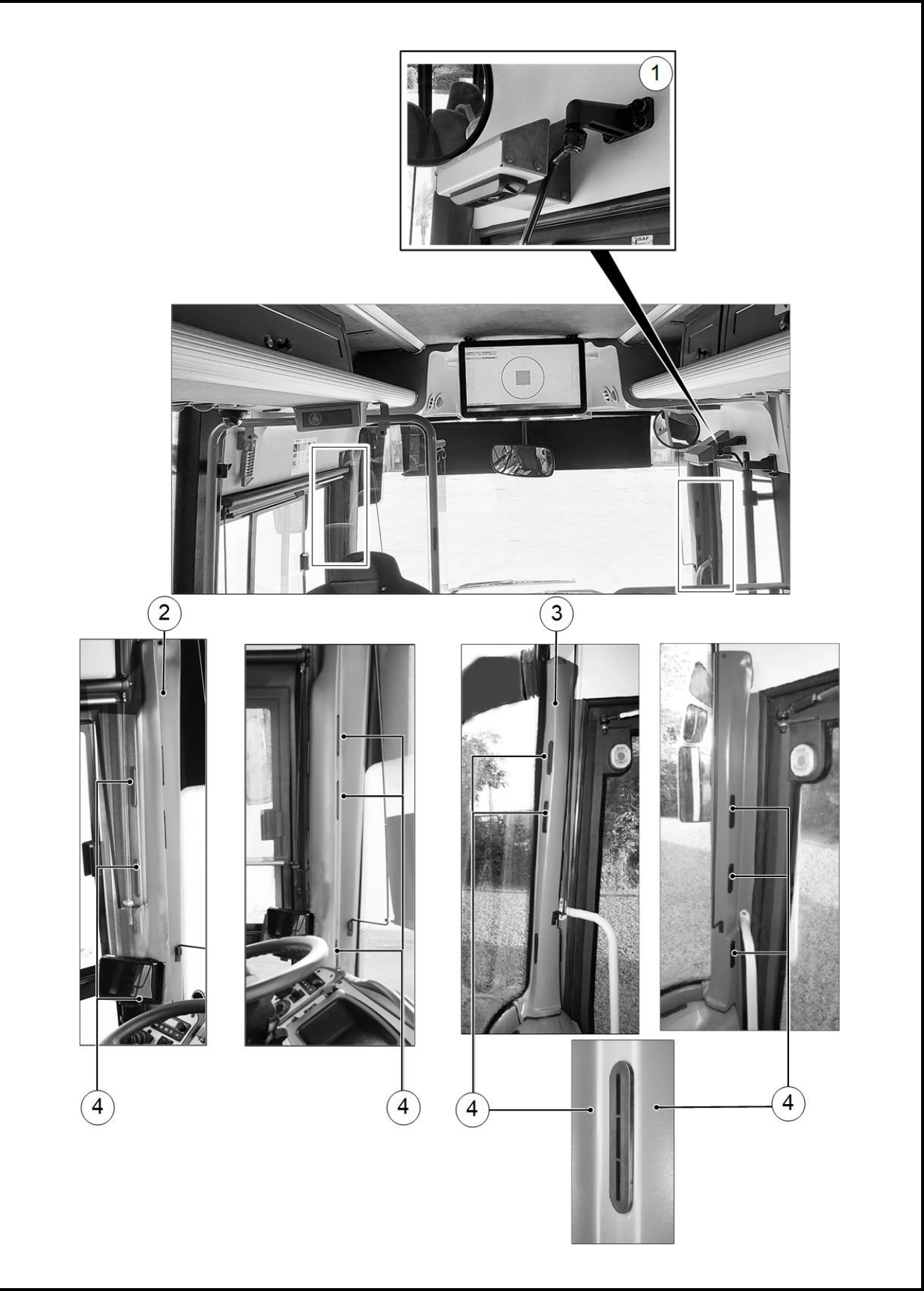


No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Drivers seat	58-772000-000043	ISRI	6860/875 NTS2 RH	1
2	Leg support	V7051/82/926			1
3	Drivers seat left armrest	58-772000-213423	ISRI	213423	1
4	Drivers seat right armrest	58-772000-213424	ISRI	NTS2	1
5	Driver's seat right armrest	58-772000-213424	ISRI	NTS2	1
6	Outlet socket 230V single	20-000000-700401	DEFA	700401	1

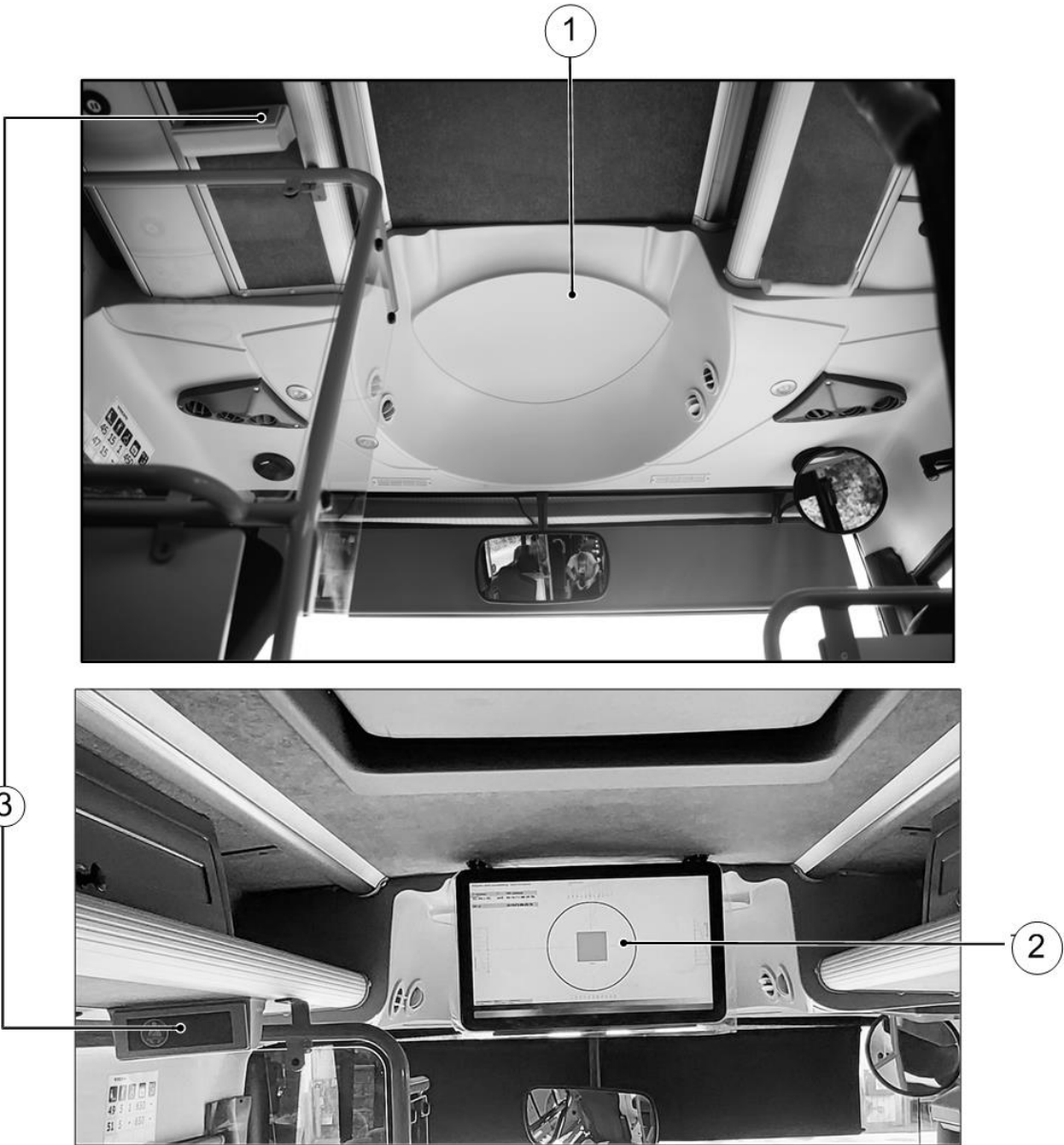


Driver Area

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Drivers window double glassing	49-706000-249820	Ototrim	78SK-24982-0	1
2	Curtain, driver left side, 1160x600	52-000174-910030	LAM	7L SX 1160X600 TDXSX 150	1
3	Driver window lower profile	7060/85/381			1
4	Drivers microphone	20-000701-839020	ACTIA	8390020	1
5	Side curtain guide Set	7052/82/206			2
6	7" Monitor	20-000625-022029	NEXT	MXNP7DQ 625022029	1



No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	APC sensor surface mount	20-500707-000001	IRMA Matrix	DIST500-A + SCON-S	1
2	Left side air duct	V3492/58/927			1
3	Right side air duct	V3492/58/928			1
4	Short air louver	57-717000-270611	PRIMA	64007	12





1



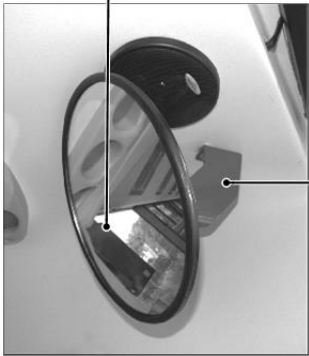
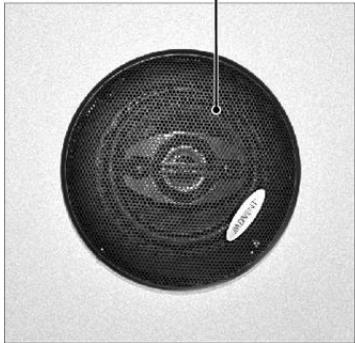
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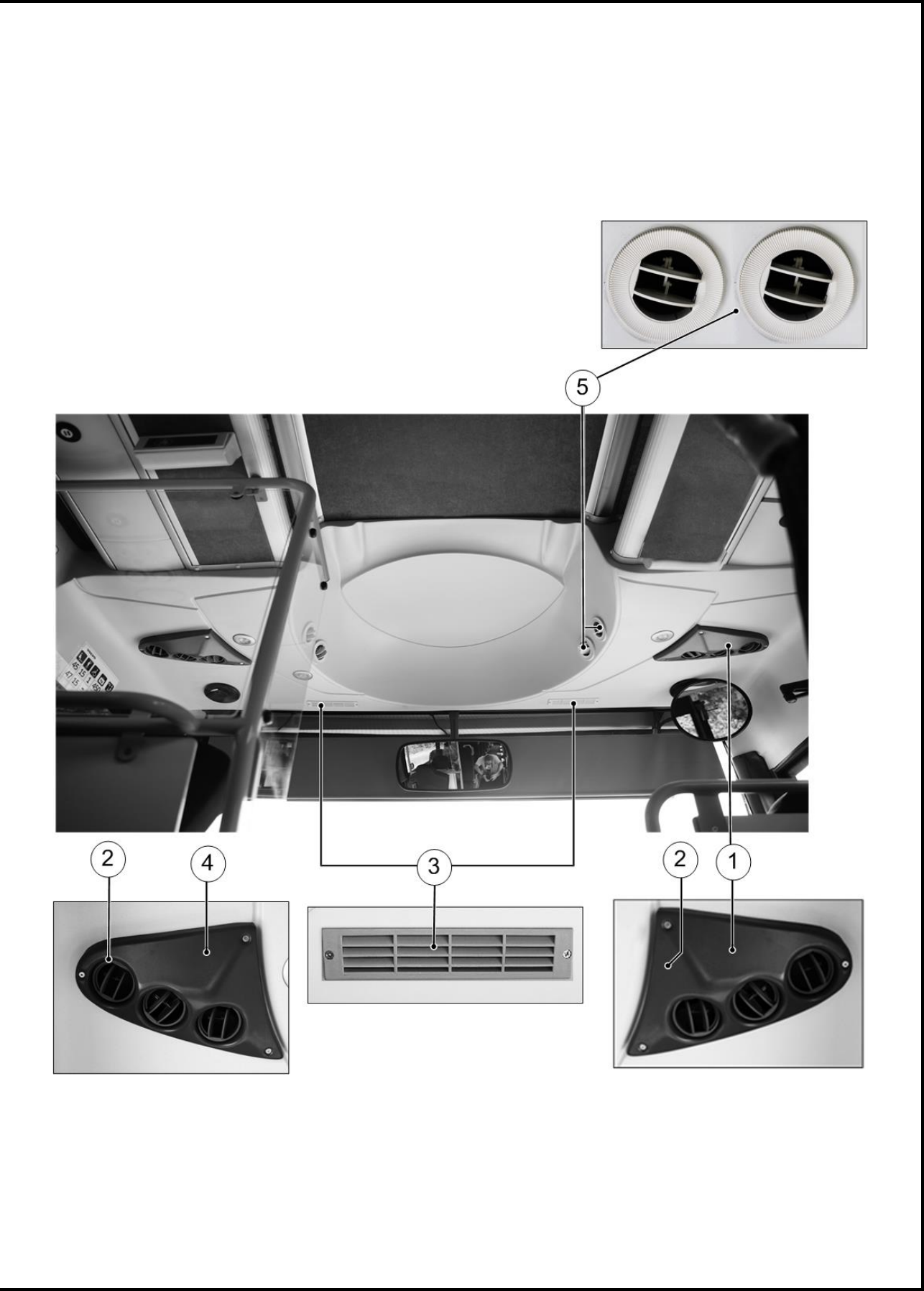
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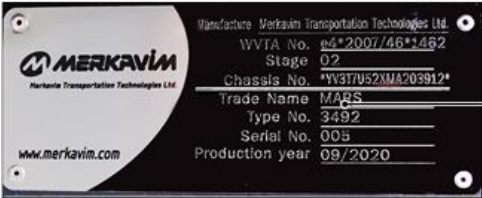
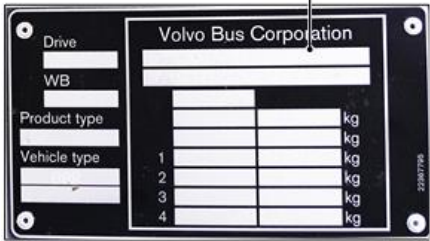


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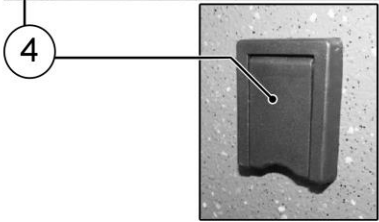
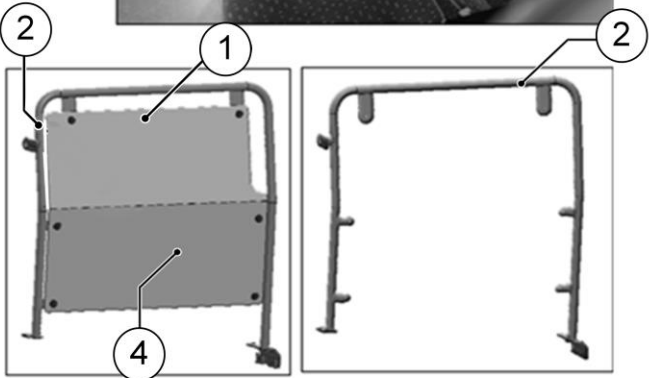
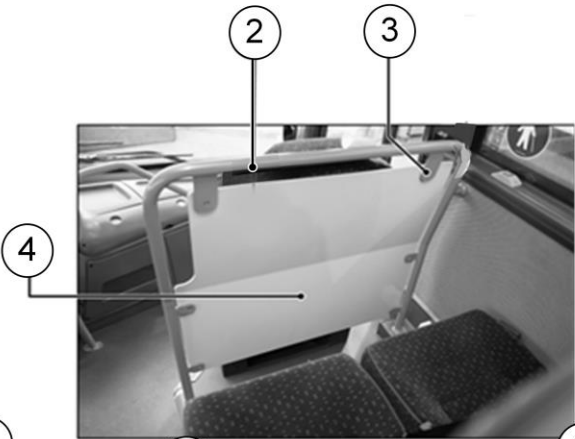
No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Gaudes air outlet right	7060/85/015			1
2	Round air louver	55-728000-003312	Supergum	air jet 38101827	6
3	Air Diffuser, Fixed, Light Grey, Prima	55-728000-000009	PRIMA	P.123	2
4	Driver air outlet left	7060/85/014			1
5	Grey ROUND-air diffuser RD NCS S2500-N	55-728431-200036	AURORA	334-220-0036	4





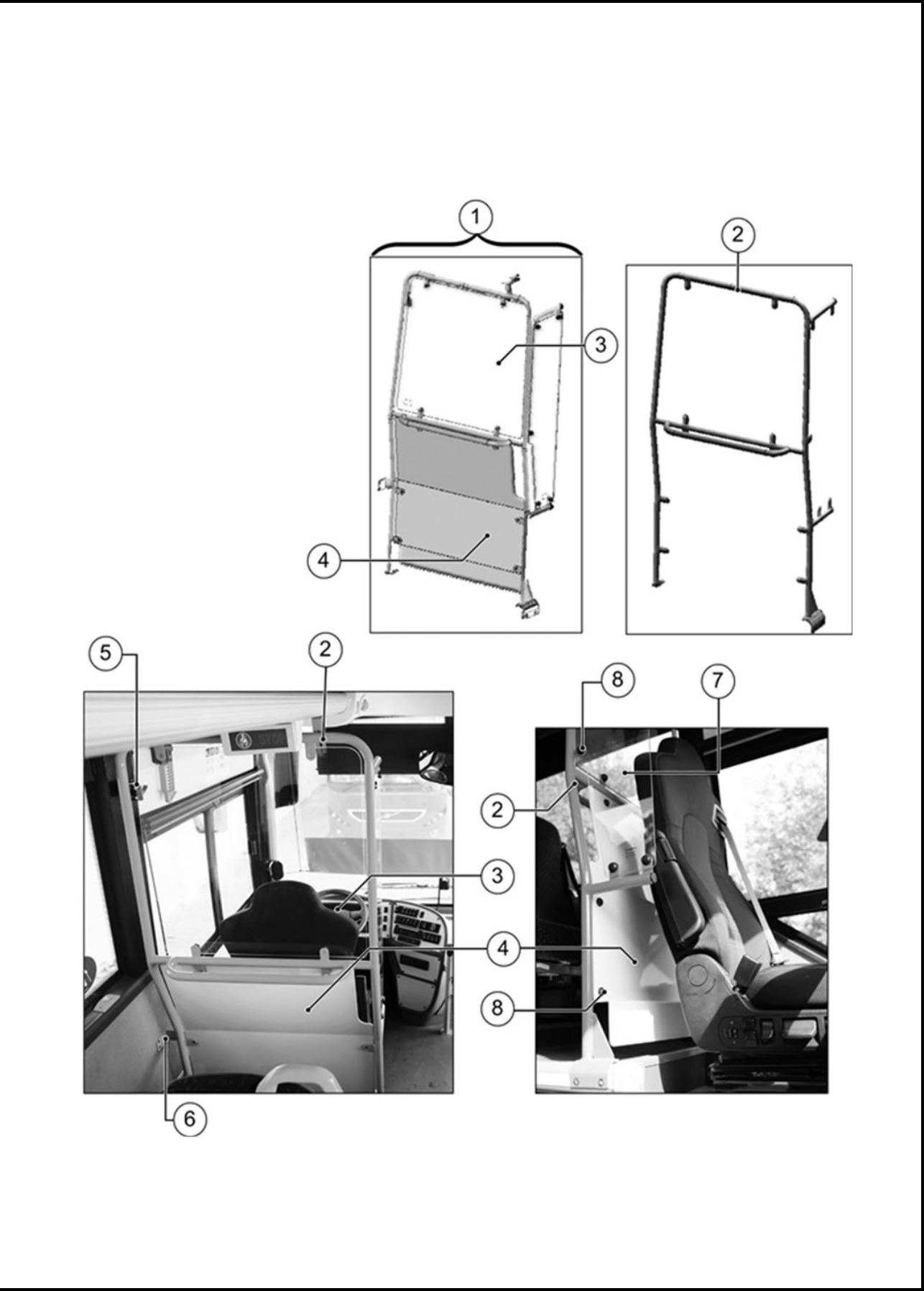
Front Entrance

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Front handrail	V3492/31/912	VOLVO Sanz clima	8.303.121.860	1
2	Merkavim plate	53-750434-000030			1
3	Volvo plate				1
4	Aerotherme Step Heater Sanz clima	57-718303-120917			1



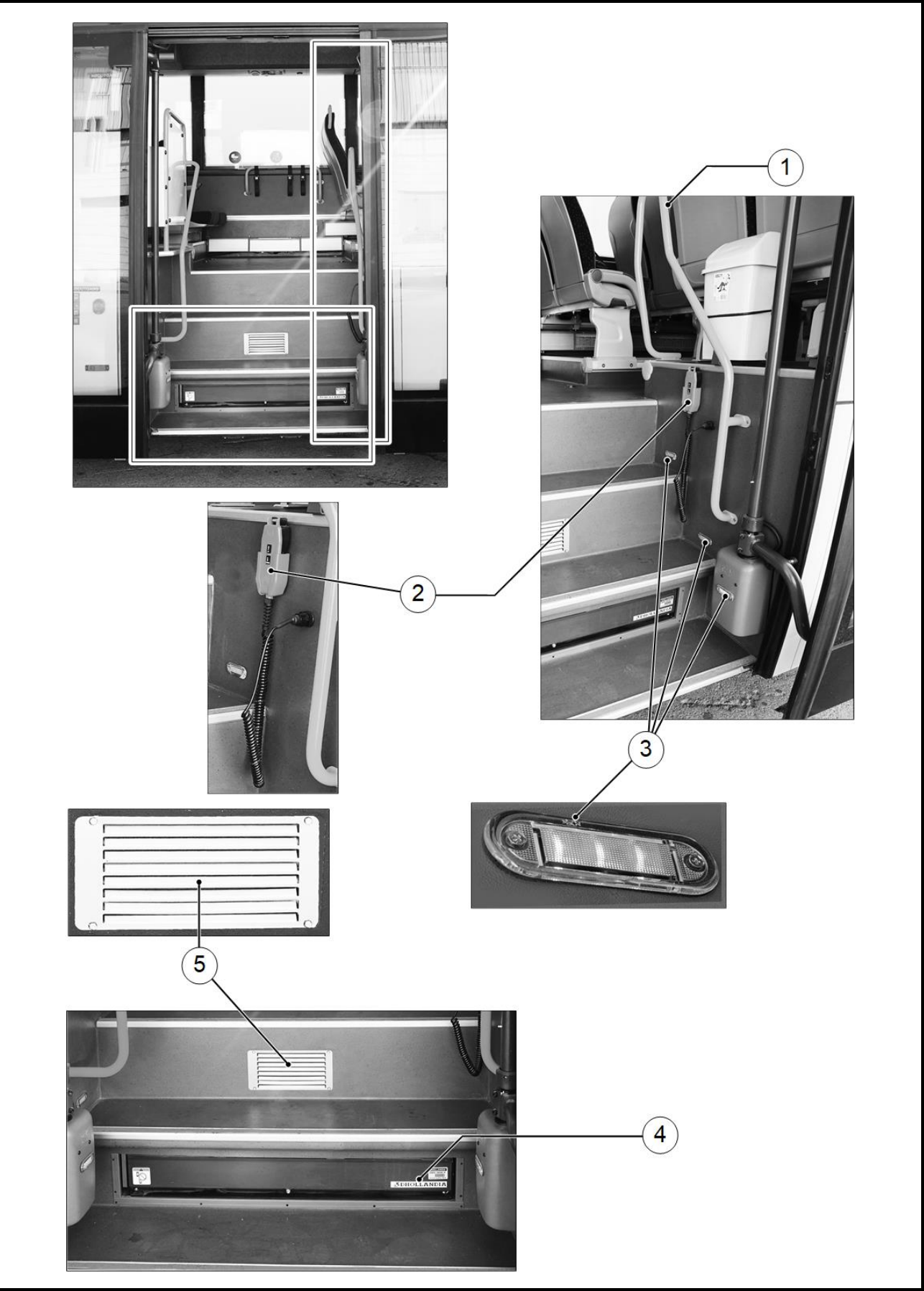
Front Entrance

[illegible]



Front Entrance

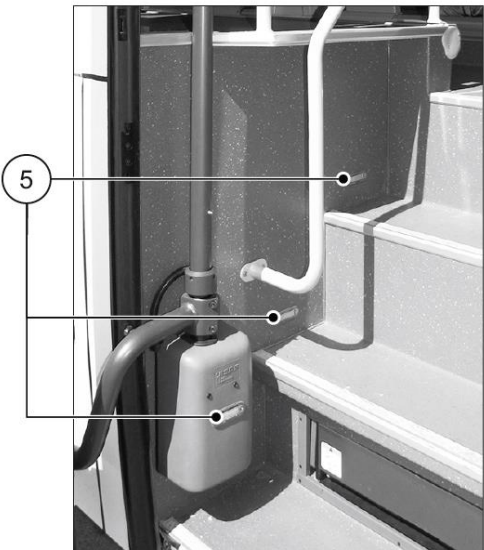
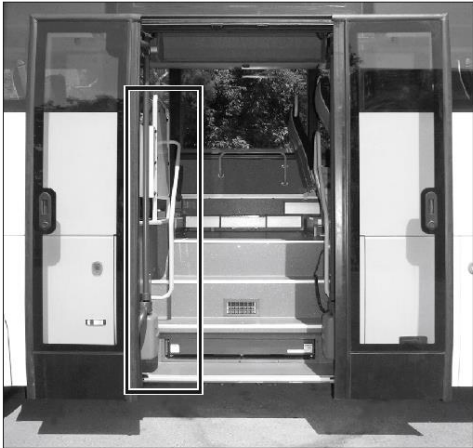
No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Complete partition behind driver	V3492/31/939			1
2	Partition frame behind driver	V3492/31/930			1
3	Partition glass behind driver	3492/31/039			1
4	Partition panel behind driver	3492/31/040			1
5	Upper partition support	3492/31/053			1
6	Lower partition support	3492/31/055			1
7	Side partition glass	3492/31/143			1
8	Partition nut	20-081906-850136			14



 MARS INTERCITY BUS VOLVO B8R chassis		Interior
		Passenger Compartment
		Draw. No. 75

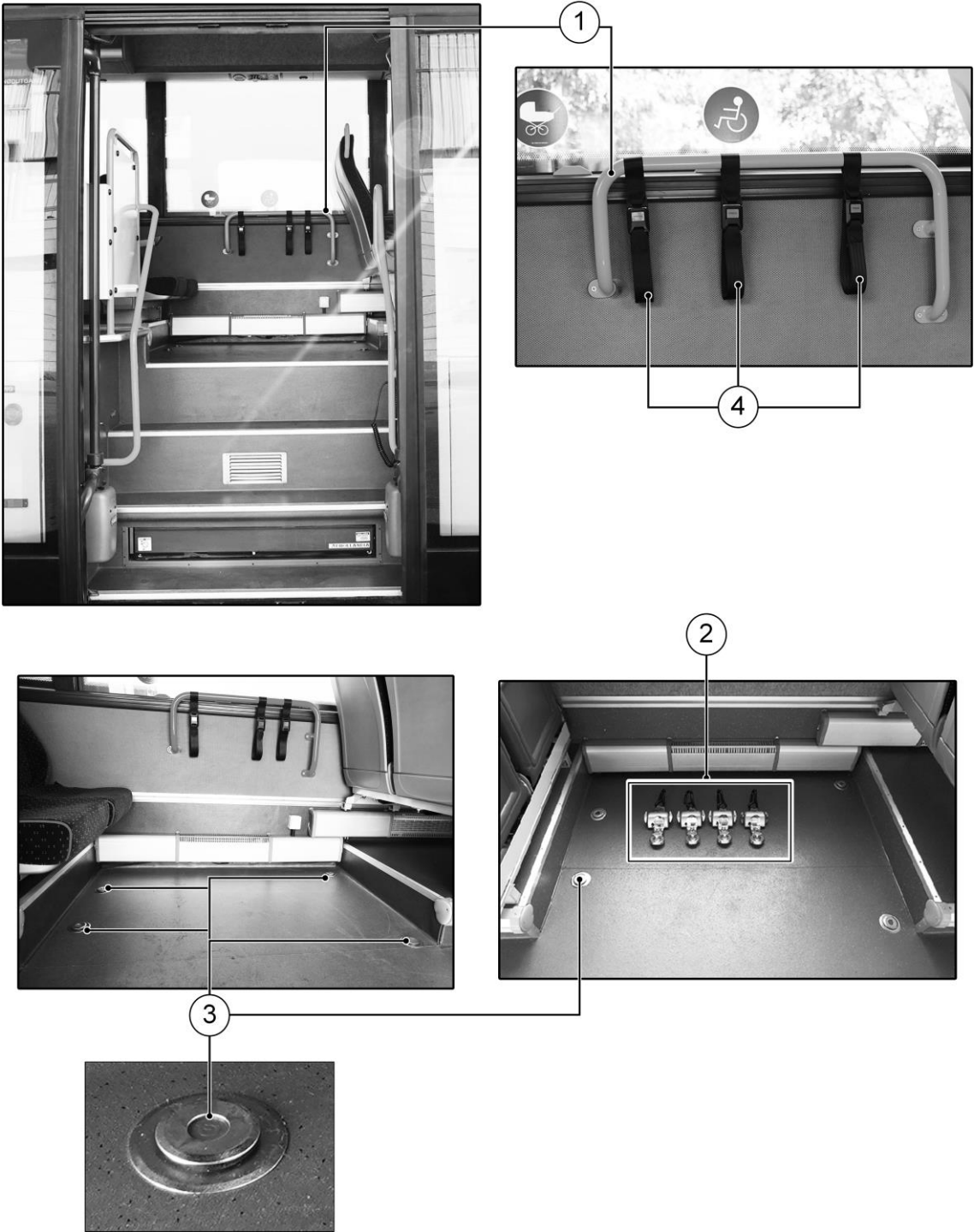
Front Entrance

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Rear entrance handrail	V3492/31/917			1
2	Remote control of wheelchair lift	54-470001-020305	DHOLLANDIA	E0783.CH2	1
3	Bus aisle light, blue LED, 24VDC ERA BAL	20-254000-000101	ERA	BAL 203.B	3
4	Wheelchair lift	54-470001-020305	DHOLLANDIA	102.03.05	1
5	Aerotherme step heater Pedro Sanz	57-718303-120917	Sanz Clima	8.303.121.860	1



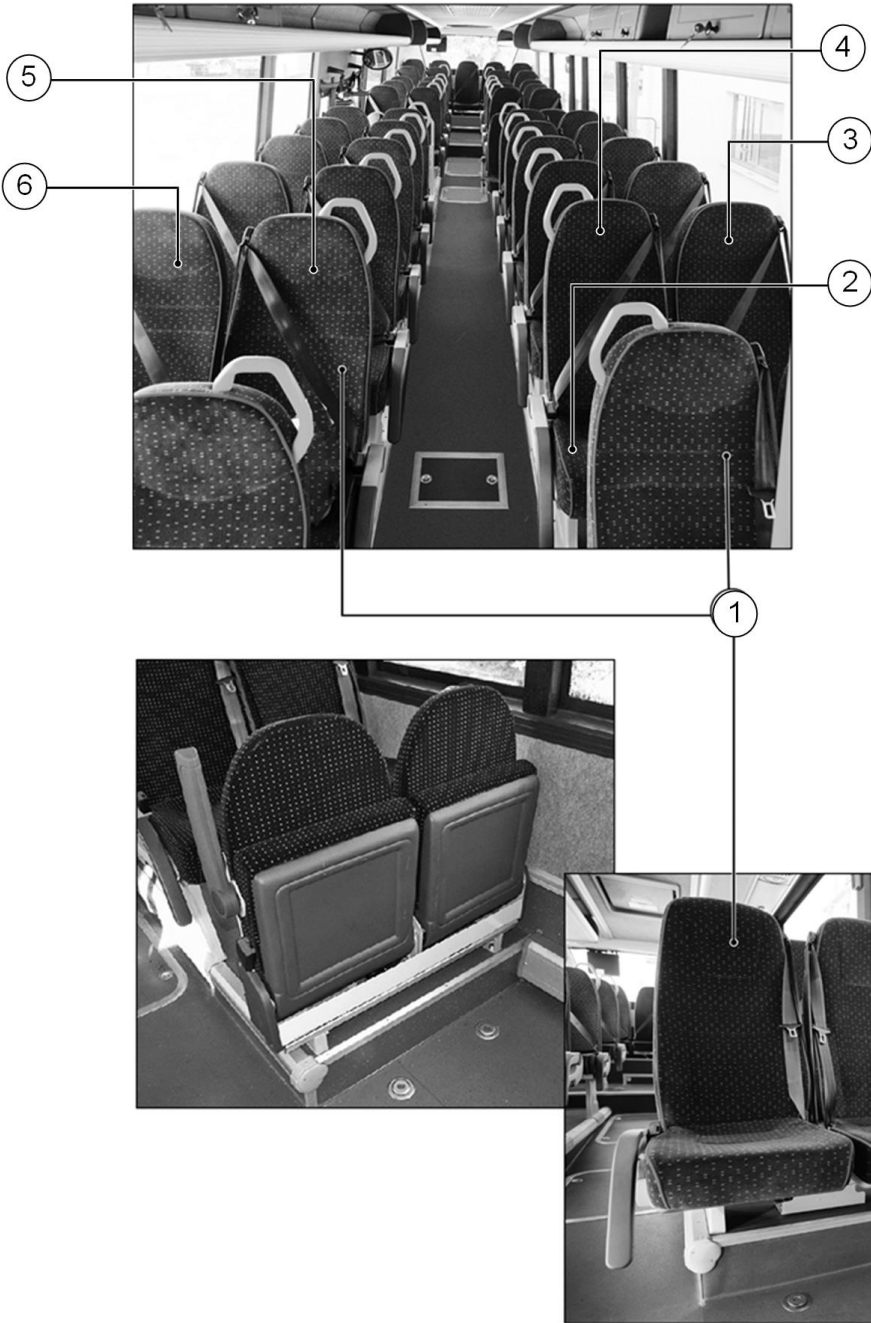
Rear Entrance

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Partition nut	20-081906-850136			9
2	Complete partition rear door	V3492/31/922			1
3	Partition panel rear door	V3492/31/930			1
4	Partition support	3492/31/042			1
5	Bus aisle light, blue LED, 24VDC ERA BAL	20-254000-000101	ERA	BAL 203.B	3
6	Partition frame rear door	V3492/31/921			1



Wheelchair Area

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	handrail at Wheelchair area	V3492/31/913			1
2	Set deluxe retractors	58-773000-086200	Q'Straint	Q8-6200-SC	4
3	Set slide click floor anchors	58-773000-087580	Q'Straint	Q8-7580-A	4
4	Seat belt 70355746*23789089	58-773023-789089			3

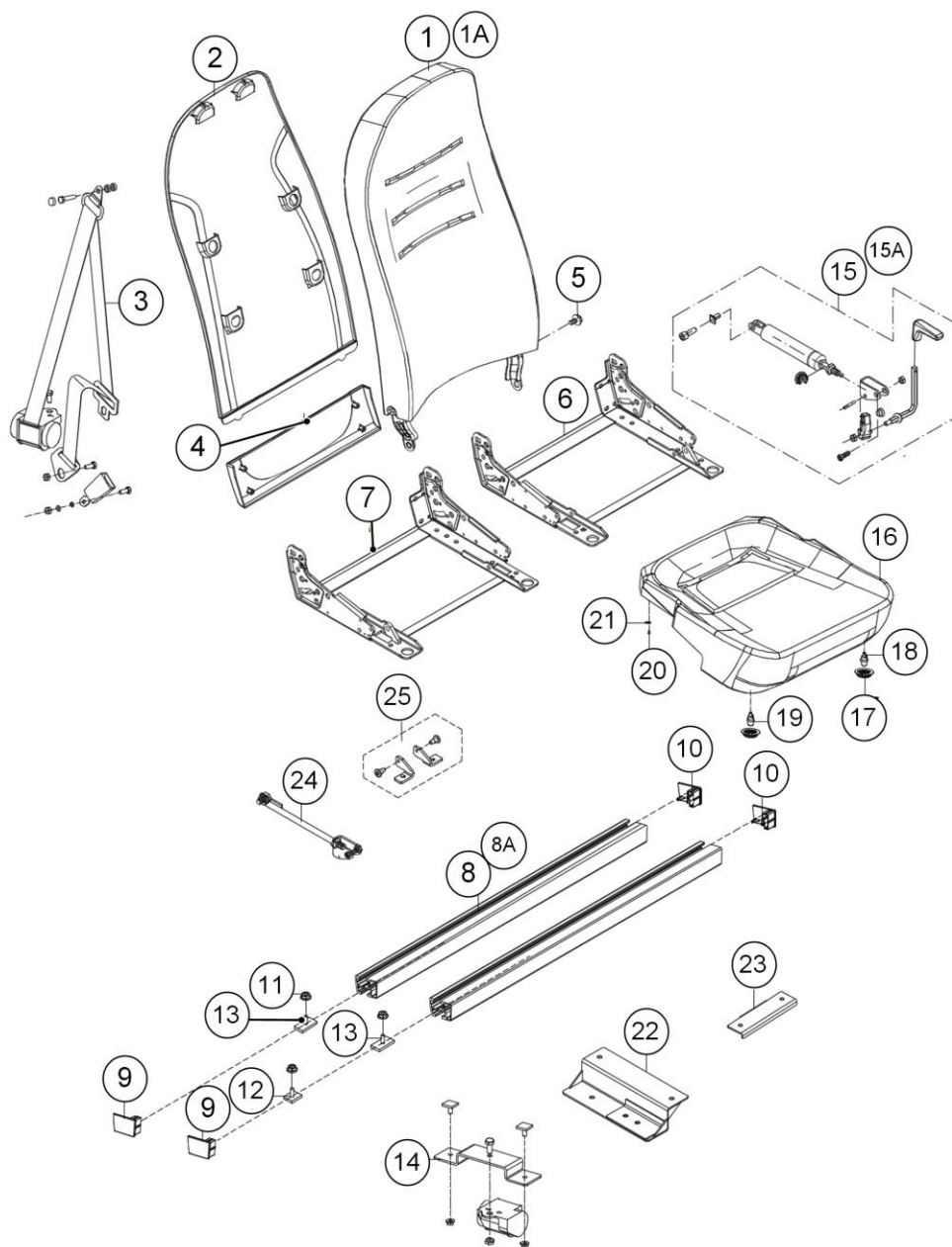


Passenger Seats

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Pass. seat Norway 49 + 2 create 80	V3501/25/901	Brusa	49+2 117614	1
2	Cushoin	53-000000-307353	Brusa	307353	45
3	Backrest driver side left	53-000000-307352	Brusa	307352	11
4	Backrest driver side right	53-000000-307351	Brusa	307351	11
5	Backrest door side left	53-000000-307350	Brusa	307350	11
6	Backrest door side right	53-000000-307349	Brusa	307349	11

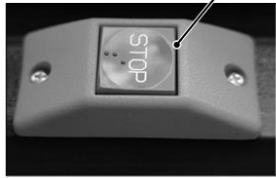
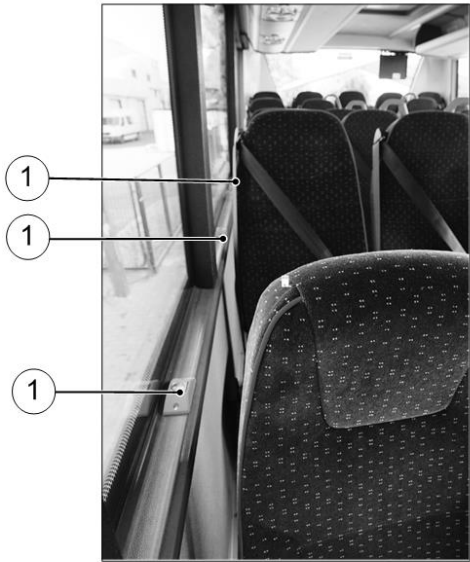
Interior		MARS INTERCITY BUS VOLVO B8R chassis	 MERKAVIM Merkavim Transportation Technologies Ltd.
Passenger Compartment			
Draw. No. 79			

Passenger Seats



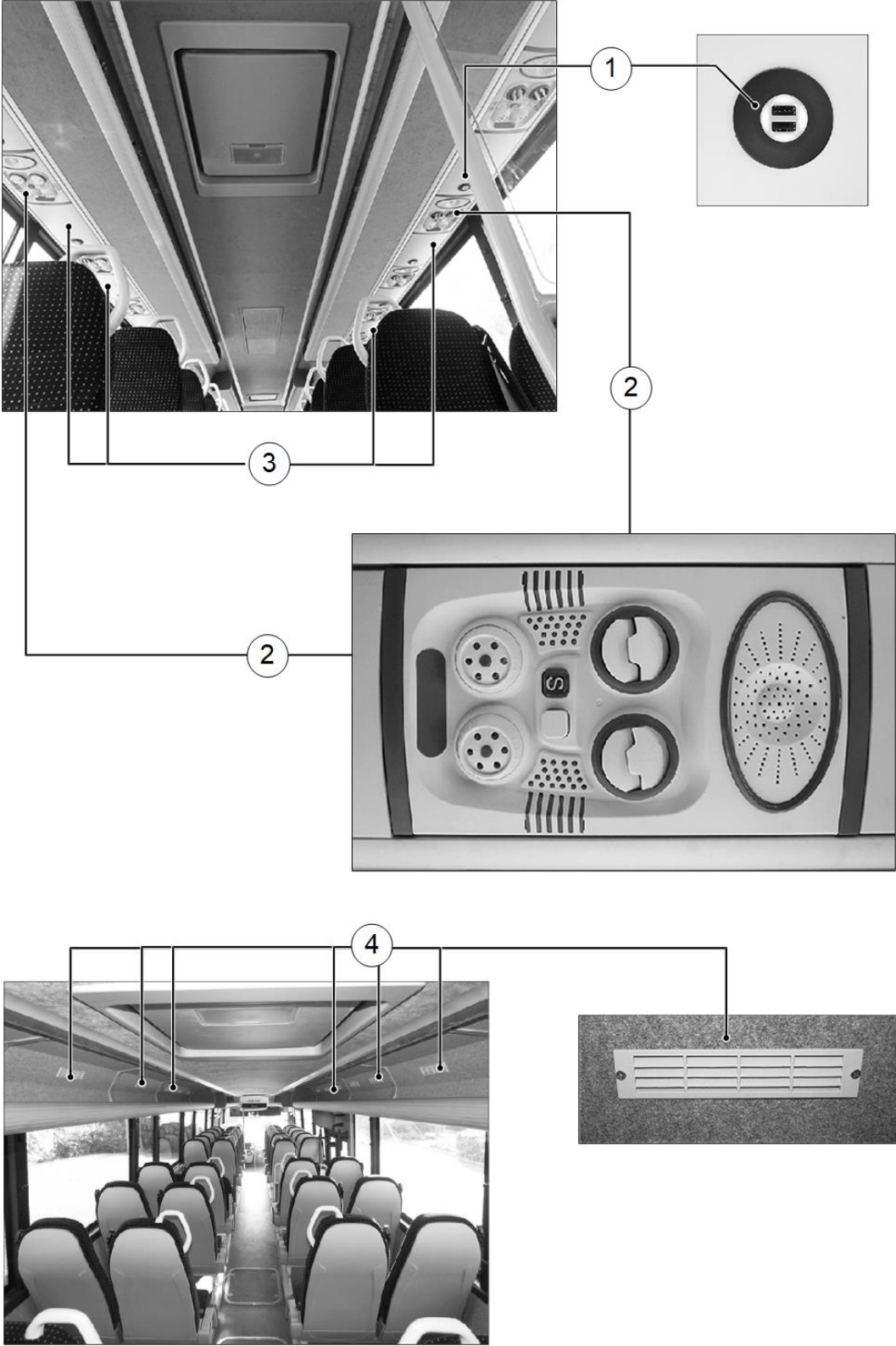
Passenger Seats

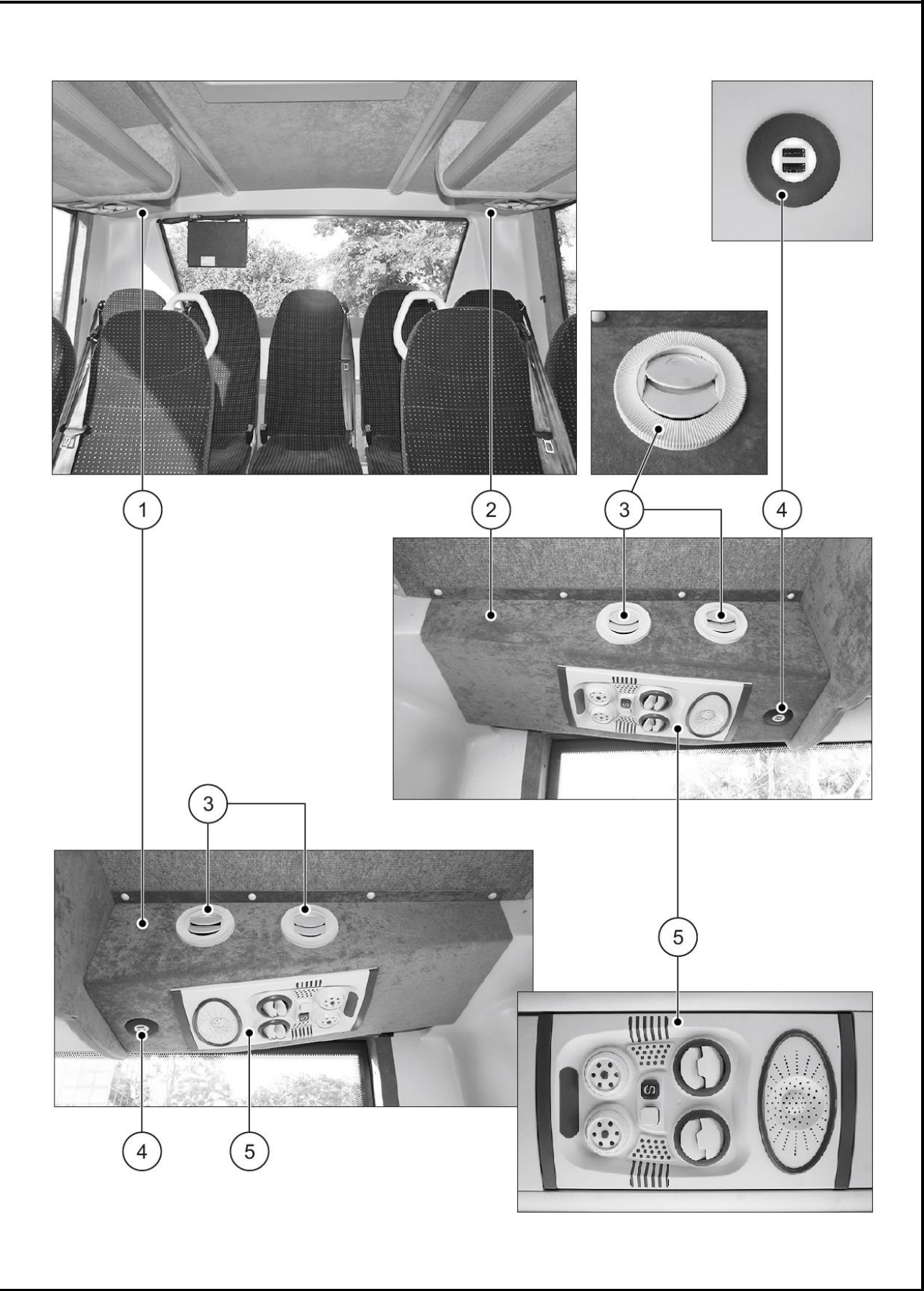
No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Backrest foam, Left, Create 80, Mars N	53-000000-000005	Brusa	431 025.SP	
1A	Backrest foam, Right, Create 80, Mars N	53-000000-000006	Brusa	431 026.SP	
2	Backrest, Cover ,RAL 7012 Create 80,Mars N		Brusa		
3	Safety Belt,3P, Set ,Create 80,Mars N	53-000000-000008	Brusa	608 225.SP	
4	Cover ,Plastic ,Lower,RAL7012 Create 80,Mars N	53-000000-000009	Brusa	605 667.SP	
5	Cap, Bolt M8x16 8.8,100ea,CREATE 80,mars N	53-000000-000010	Brusa	200 021K.SP	
6	Seat Frame, Left, Create 80, Mars N	53-000000-000011	Brusa	425 588.SP	
7	Seat Frame, Right, Create 80 ,Mars N	53-000000-000012	Brusa	425 589.SP	
8	Aluminium Profile 855mm Create 80,Mars N	53-000000-000013	Brusa	422 144.SP	
8A	Aluminium Profile 1325mm,Create 80,Mars N	53-000000-000014	Brusa	402 185.SP	
9	Al Profile,Cover Right Black Door Lock Guard P.144 Mars N	53-000000-000015	Brusa	502 639.SP	
10	Al Profile ,Cover,Left, RAL	53-000000-000016	Brusa	502 640.SP	
11	Cap ,Nut M8,DIN6923,100ea, CREATE 80 ,mars N	53-000000-000017	Brusa	200 098.SP	
12	Sliding Block h:33,100ea, CREATE 80,mars N	53-000000-000018	Brusa	402 495.SP	
13	Sliding Block h:32,100ea, CREATE 80 ,mars N	53-000000-000019	Brusa	402 154.SP	
14	Connection Part, Safety B, Create 80,Mars N	53-000000-000020	Brusa	429 774.SP	
15	Reclining Set Backrest, LeCreate 80,Mars N		Brusa		
15A	Reclining Set Backrest, RiCreate 80,Mars N		Brusa		
16	Cushion Foam, Seat, Create 80, Mars N	53-000000-000023	Brusa	425 399.SP	
17	Quickfix,100ea, CREATE 80,mars N	53-000000-000024	Brusa	400 323.SP	
18	Screw4.8x38 DIN7981100ea CREATE 80 mars N	53-000000-000025	Brusa	200 023.SP	
19	Fastening Plastic, Create 80, Mars N	53-000000-000026	Brusa	403 714.SP	
20	Scrw4.8x16 DIN79811000ea CREATE 80 mars N	53-000000-000027	Brusa	200011K	
21	Compasting sheet ,Create 80,Mars N	53-000000-000028	Brusa	400 324.SP	
22	Base Connection group SetCreate 80,MarsN	53-000000-000029	Brusa	439 061.SP	
26	Connection Sheet Metal Create 80,Mars N	53-000000-000030	Brusa	429 013.SP	
24	Backrest Fixing Group, A ,Create 80,Mars N	53-000000-000031	Brusa	600 166.SP	
25	Backrest Fixing Group, B ,Create 80,Mars N	53-000000-000032	Brusa	610 390.SP	



Stop passenger buttons

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Bell push button, flat mounting, brail, STOP, 5710622	20-262435-710622	HAPPICH	5710622	25
2	Blue ring signal button	20-256000-000004	CAPTRON	CHT4-272W-70/TG-S	1



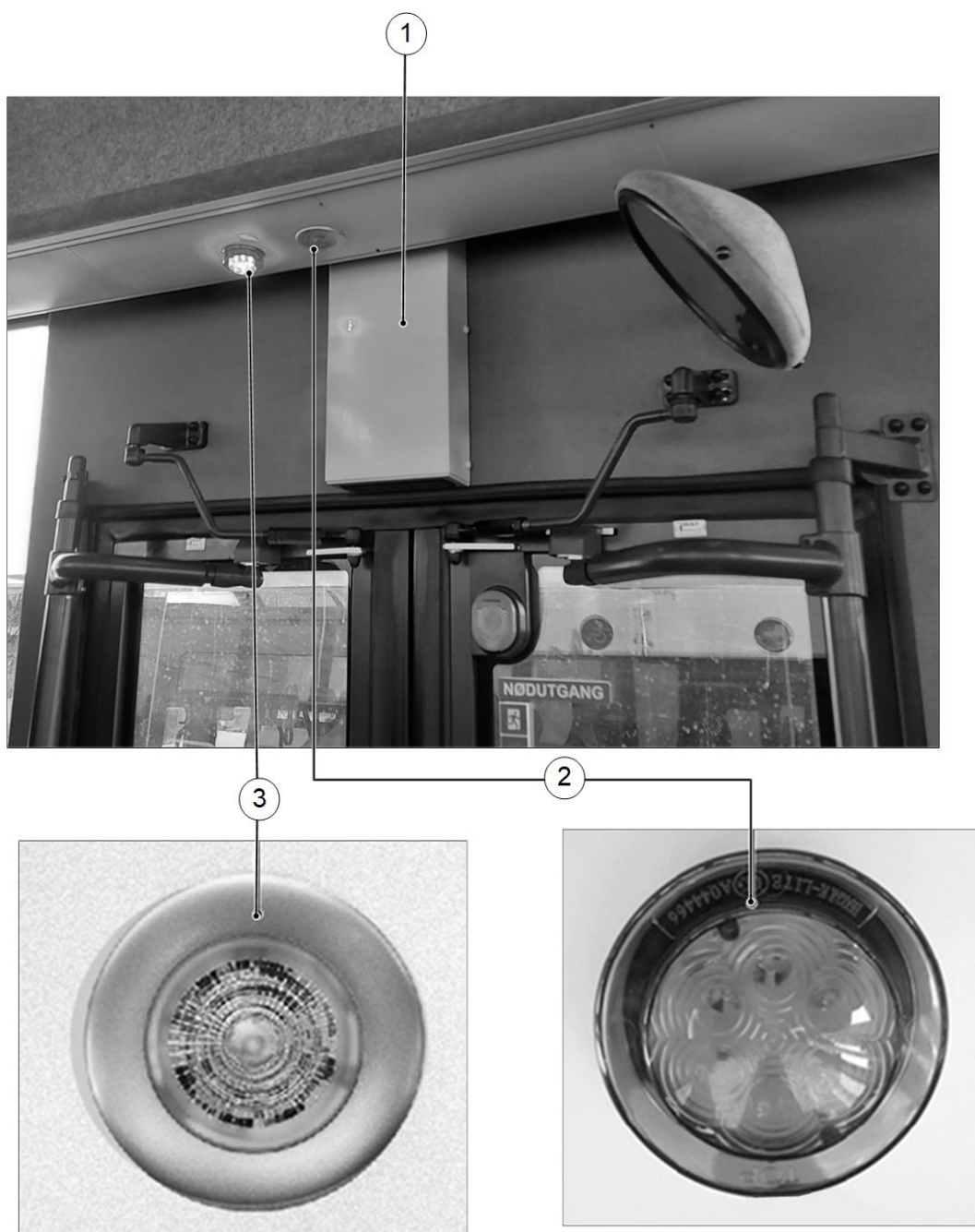


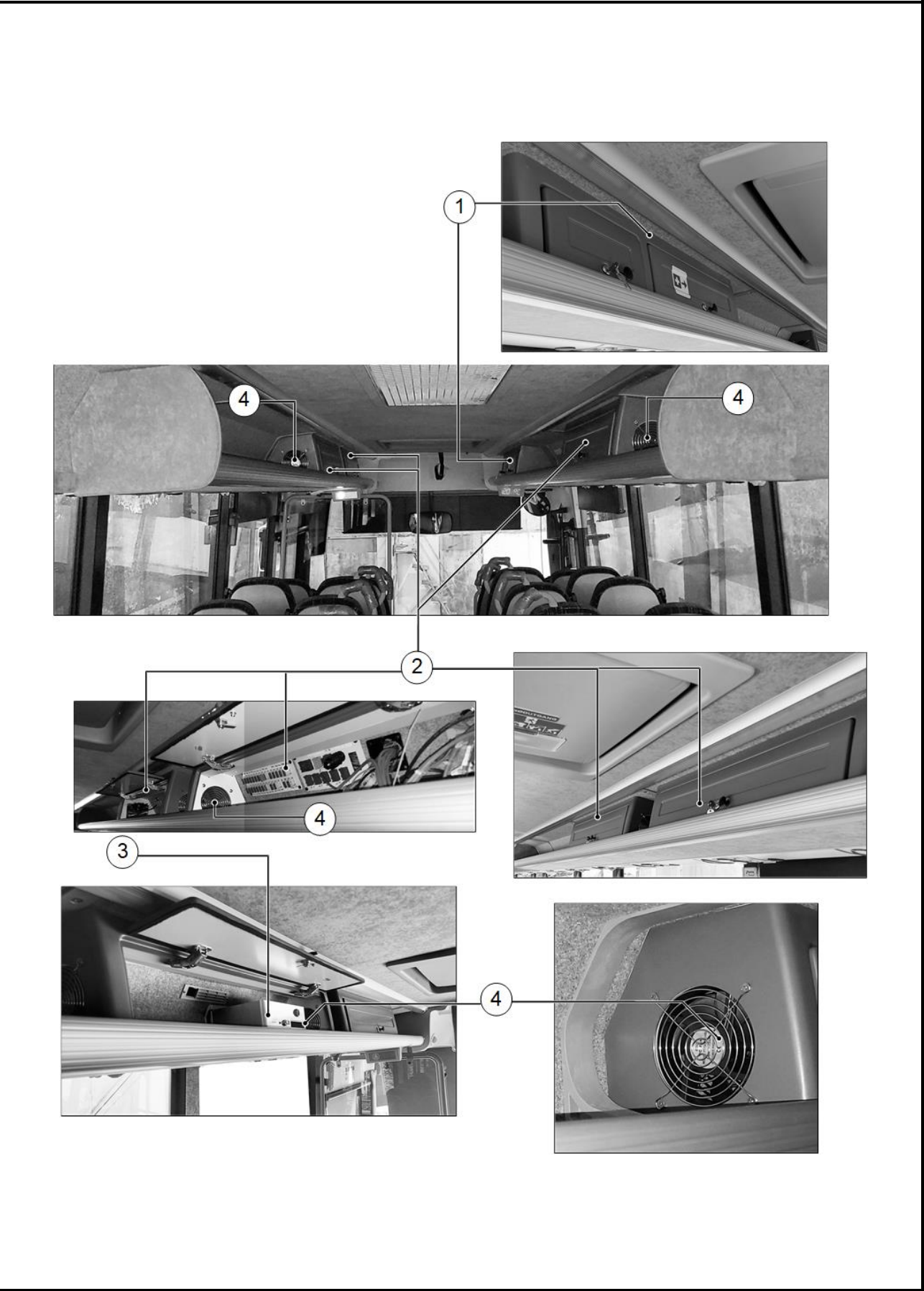
A/C duct + luggage rack

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Right end A/C duct	V3492/15/912			1
2	Left end A/C duct	V3492/15/911			1
3	Grey round-air diffuser	55-728431-200036	AURORA	334-220-0036	4
4	Power socket USB	20-000000-122422	SANEL	SUC 2 Blue	2
5	Multiset, W/O Speaker, Mars Norway	55-099063-000112	ELLAMP - AURA	P990840001A 12	2

Interior	 MARS INTERCITY BUS VOLVO B8R chassis	 MERKAVIM Merkavim Transportation Technologies Ltd.
Passenger Compartment		
Draw. No. 83		

A/C duct + Luggage rack

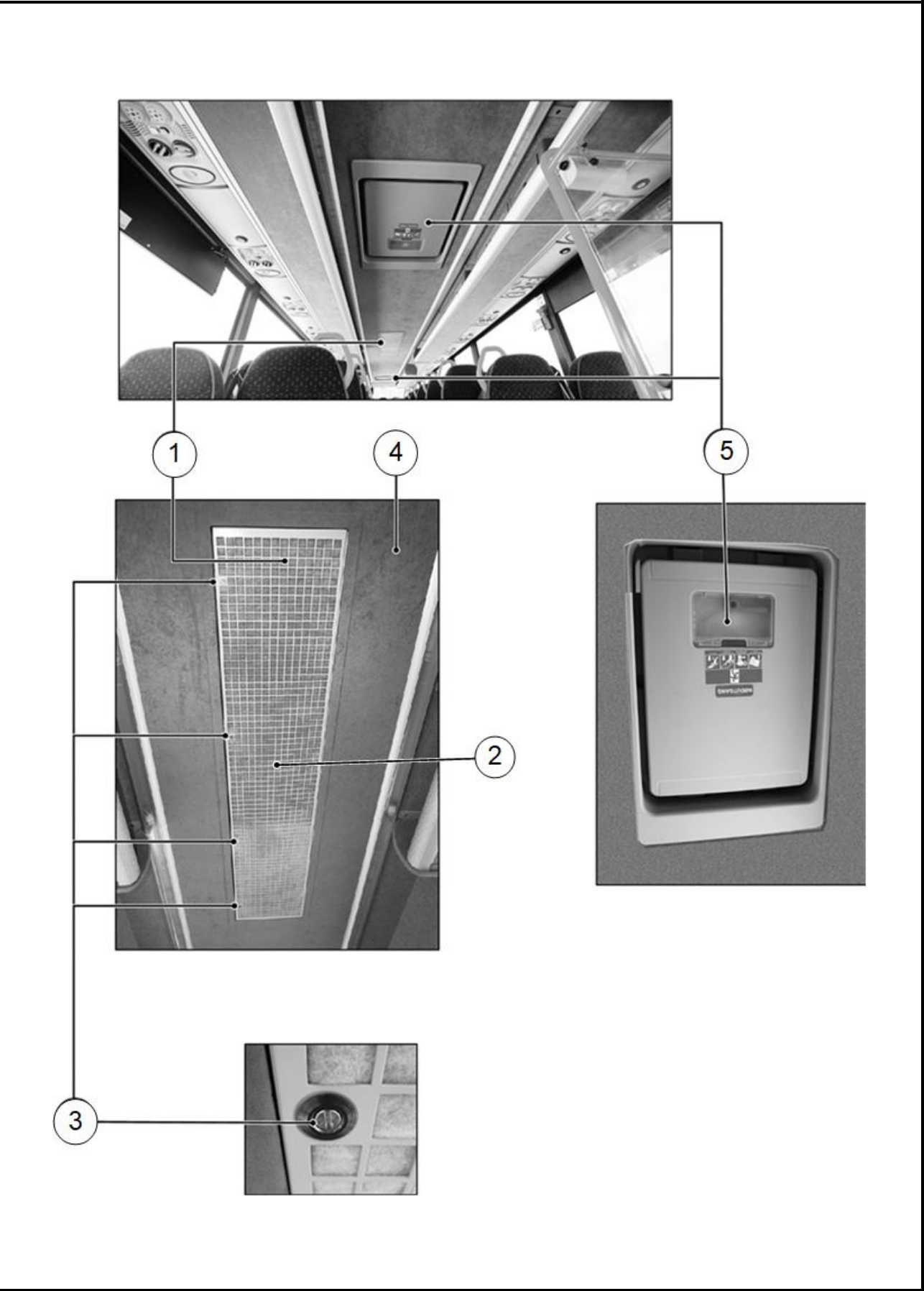


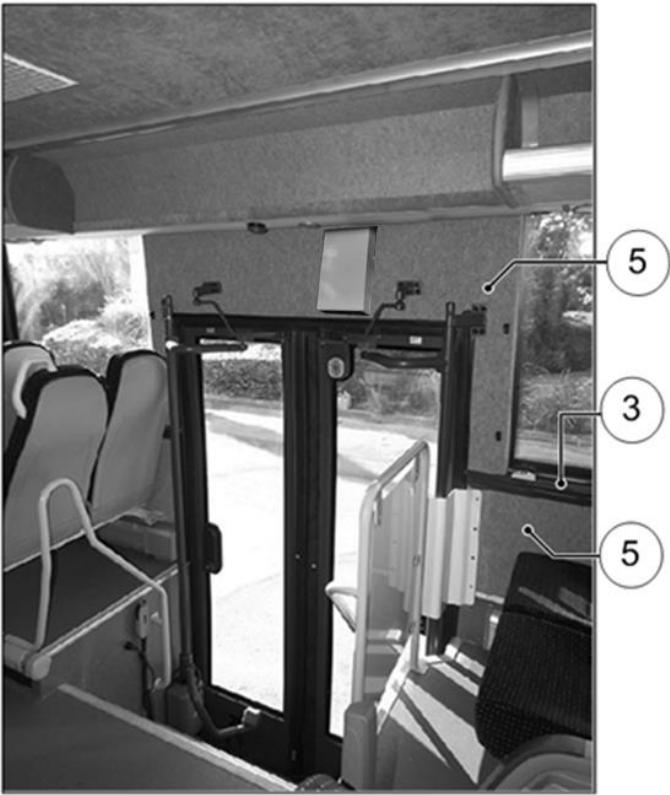
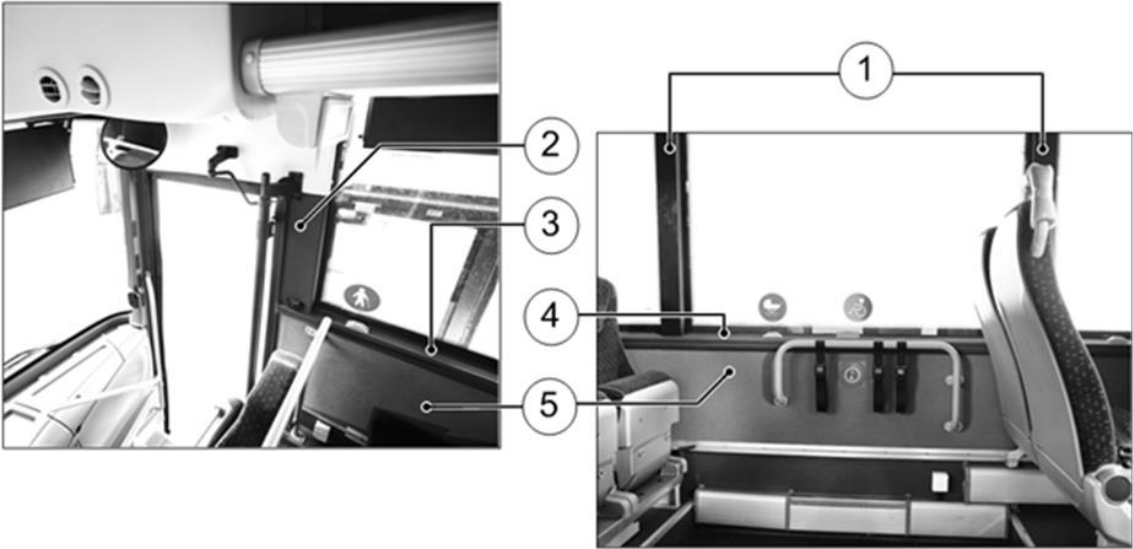


 MERKAVIM Merkavim Transportation Technologies Ltd.	MARS INTERCITY BUS VOLVO B8R chassis		Interior
			Passenger Compartment
			Draw. No. 84

Driver Luggage Boxes

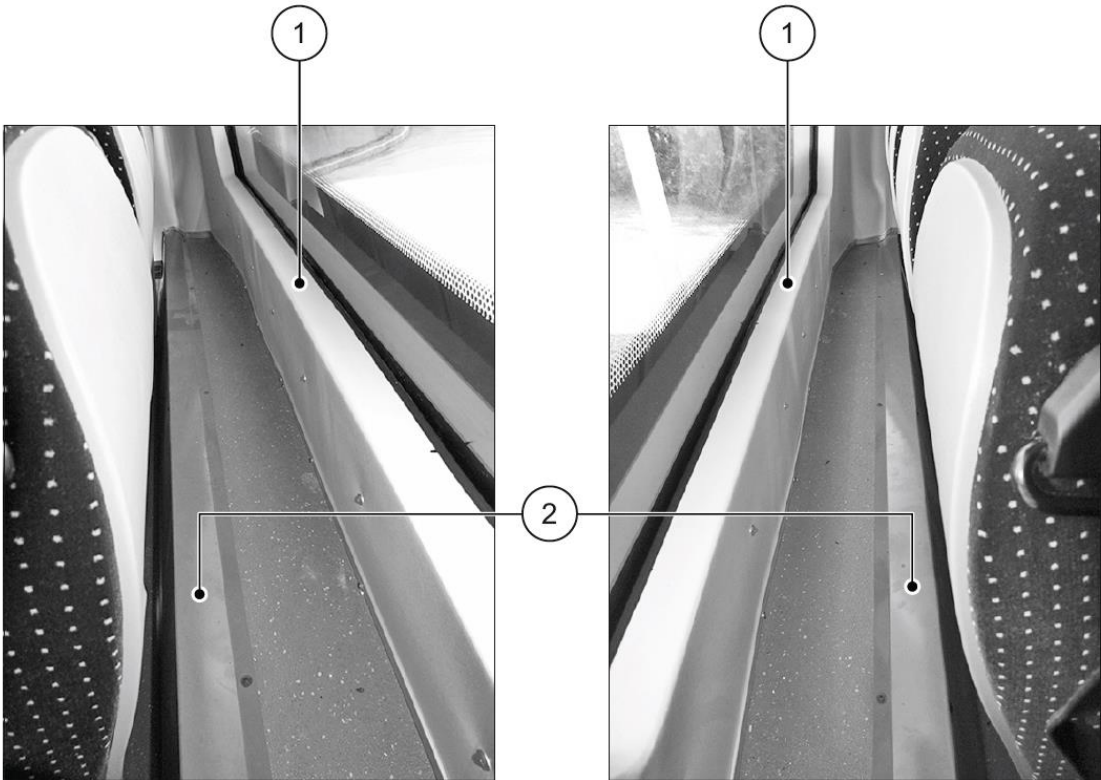
No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Driver box on right luggage rack	V7060/85/929	LTG NEXT	62502165	1
2	ABS Tech box	V7060/85/940			3
3	Recorder X-DMRS	20-000062-502165			1
4	Fan for tech box	20-000022-036276			3

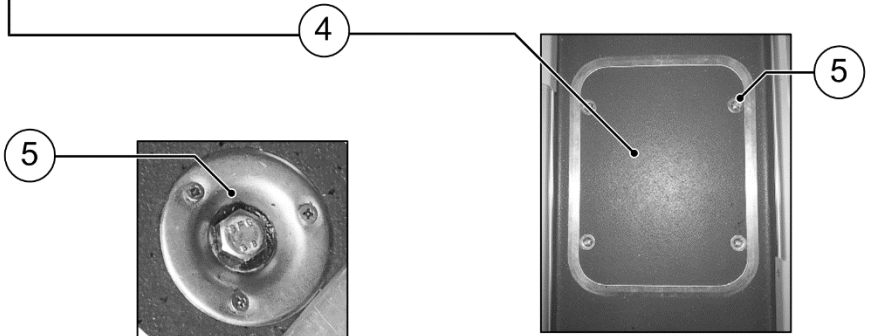
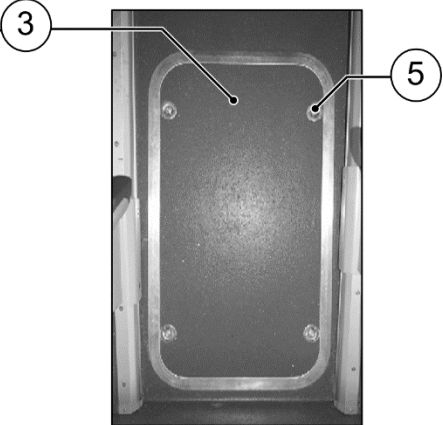
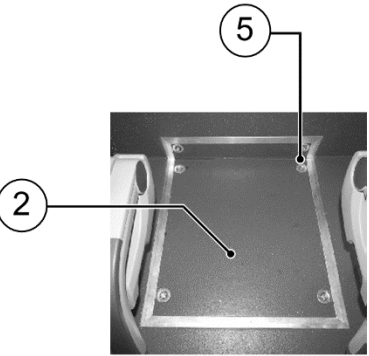
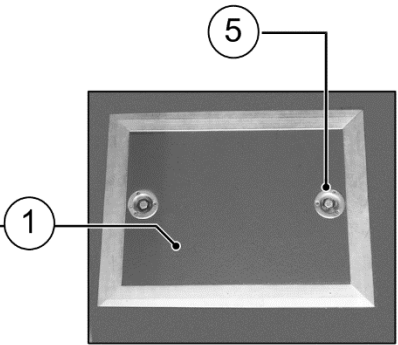




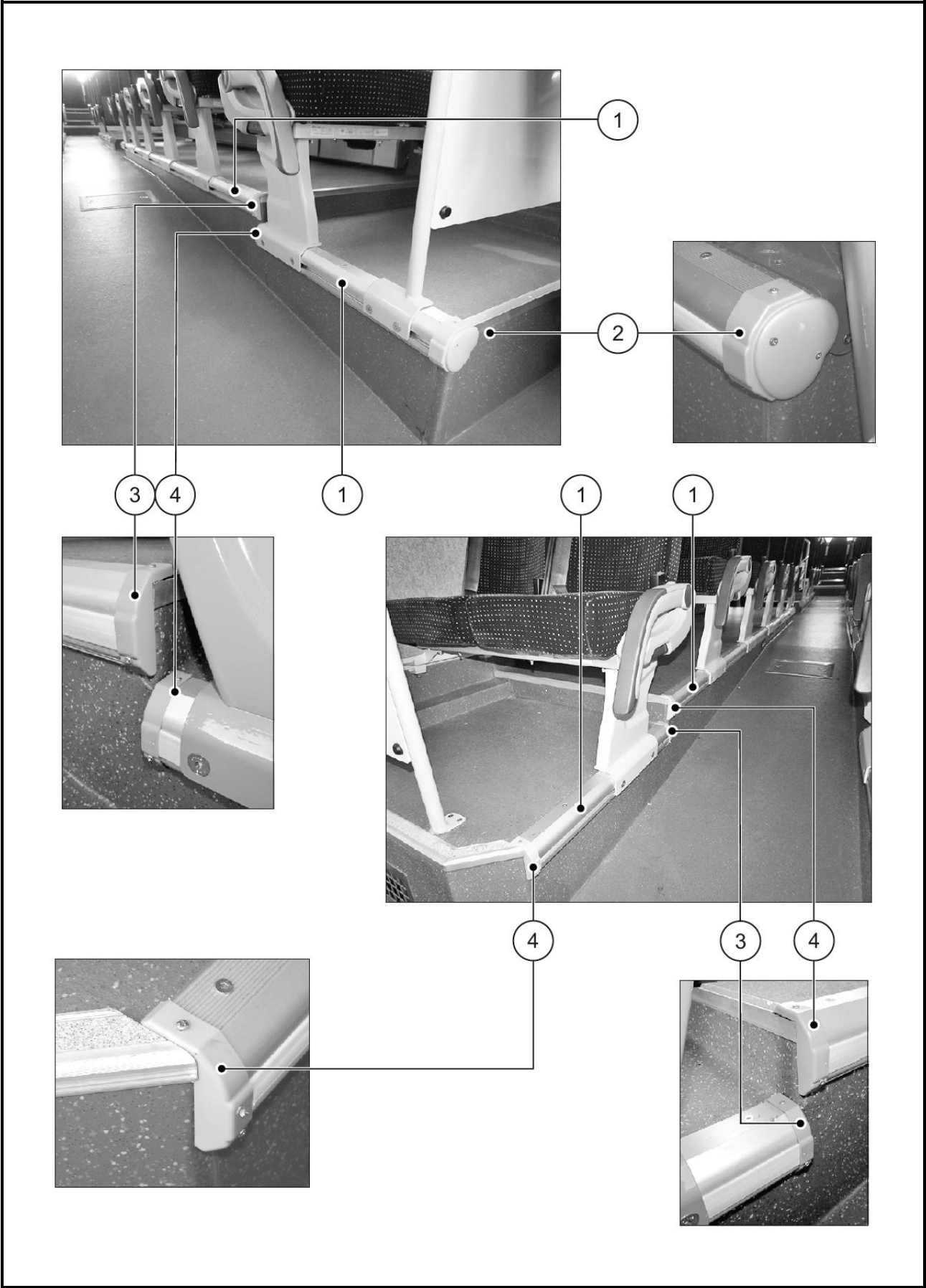
Side and Rear Covering

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Side window pillar cover	7030/85/118			10
2	Front right window pillar cover	7030/85/121			1
3	Window lower cover door side	7060/85/008			1
4	Window lower cover driver side	7060/85/029			1
5	Upholstery fabric, light grey platin	62-125100-001072		C.Y.E	





No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Floor cover I	V7027/82/924			1
2	Floor cover IV	V3383/27/910			1
3	Floor cover III	V3492/27/905			1
4	Floor cover II	V3492/27/907			1
5	Floor cover lock	V3383/27/910			16



No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Al. profile1300 with groove for PVC	311-0000-001-300			16.7 m
2	Eft round end grey RAL 7040	56-427114-021395			2
3	Left round cut end	56-427114-001395			2
4	Right round cut end	56-427114-000395			2

Floor



1

2



1



2



1

3

4

5

2



3



6

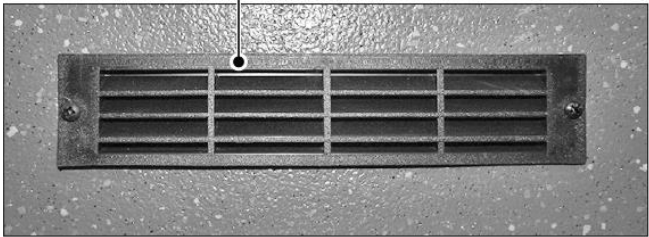
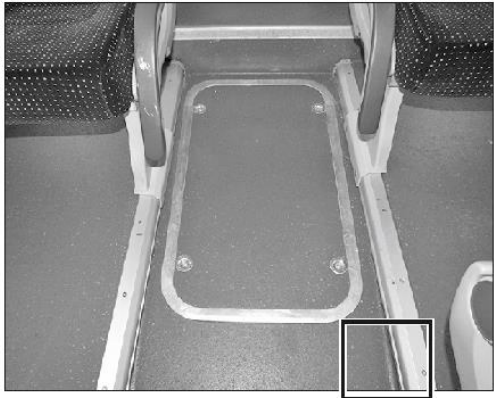


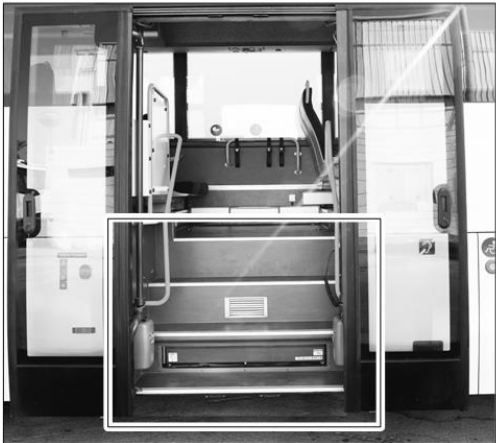
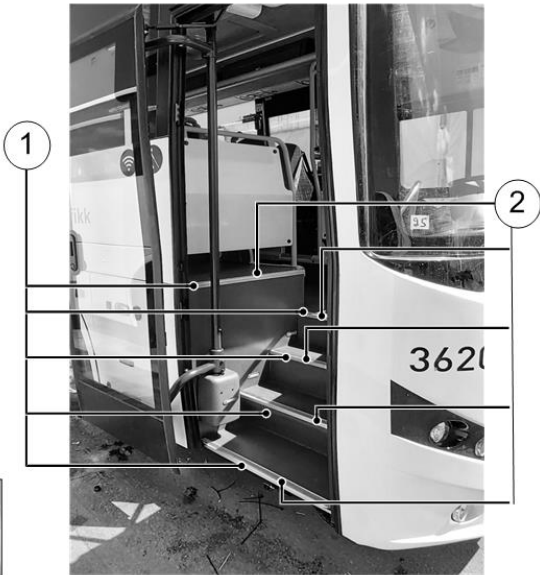
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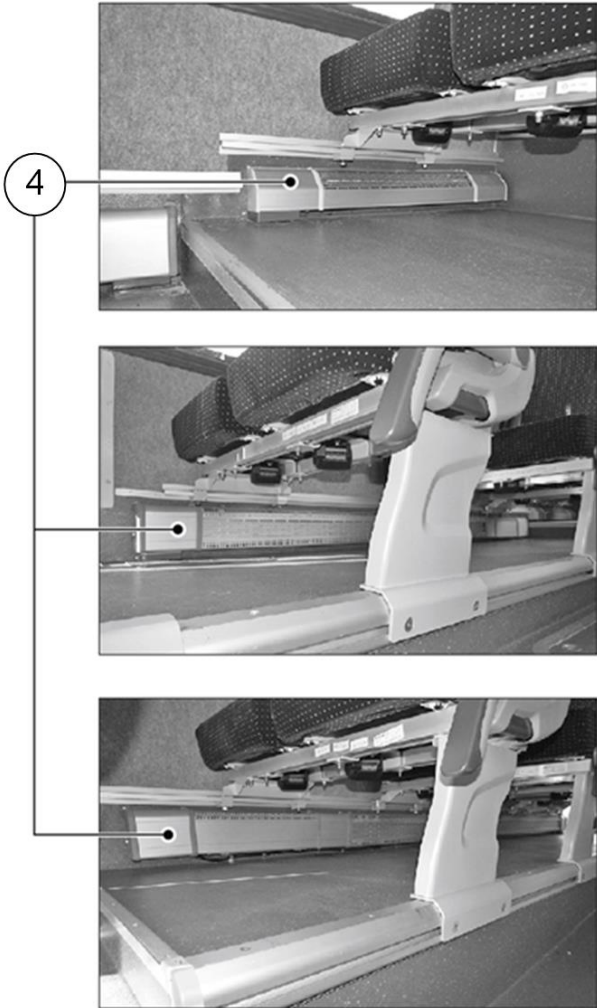
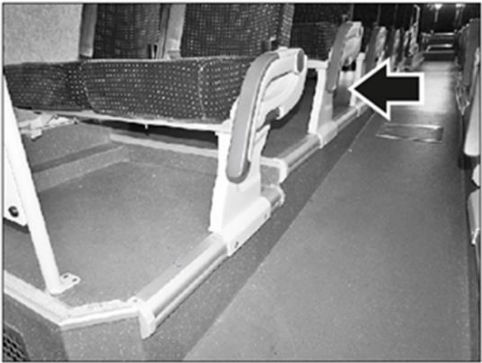
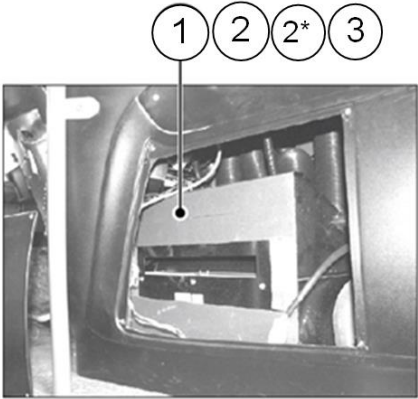
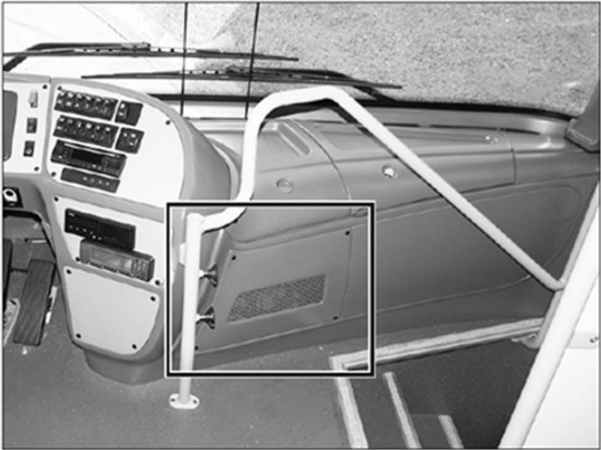
 MARS INTERCITY BUS VOLVO B8R chassis		Interior
		Passenger Compartment
		Draw. No. 90

Floor

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Left round end grey RAL 7040	56-427114-021395			2
2	Left round end RAL 7040 end	56-427114-002395			2
3	Left round cut end	56-427114-001395			3
4	Right round cut end	56-427114-000395			4
5	Aluminium profile	311-0000-005-365		442002	4.5 m
6	Aluminium profile	311-0000-001-071		452002	15m

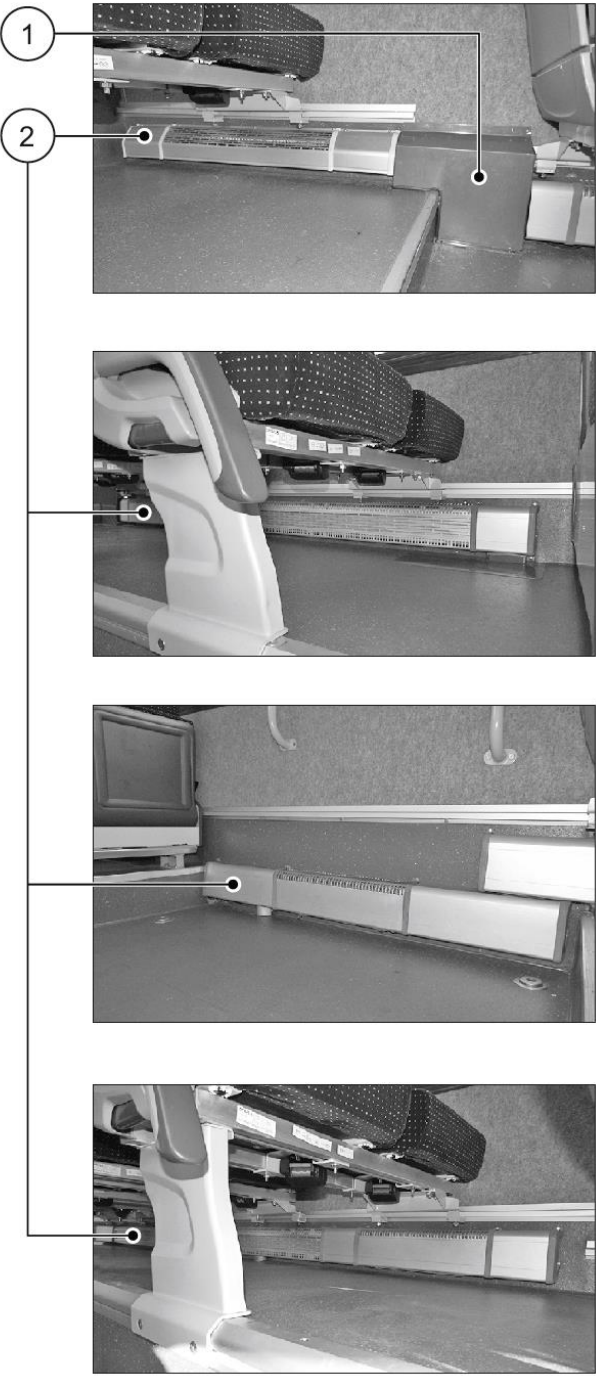






Heat System

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Front box Mars Norway	57-718004-121711	Sanz Clima	8.004.121.711	1
2	Front box filter PPI 20X10	57-718004-400208	Sanz Clima	7.141.400.208	1
2*	Optional - HD Front box filter PPI 45 X10		Sanz Clima		1
3	Front box radiator	57-718004-400147	Sanz Clima	7.145.400.147	1
4	Side wall convectors for Mars 13m	20-008703-121924	Sanz Clima		1



Heat System

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Cover	3492/65/066			1
2	Side wall convectors for Mars 13m	20-008703-121924	Sanz Clima		1



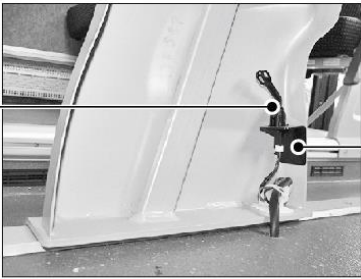
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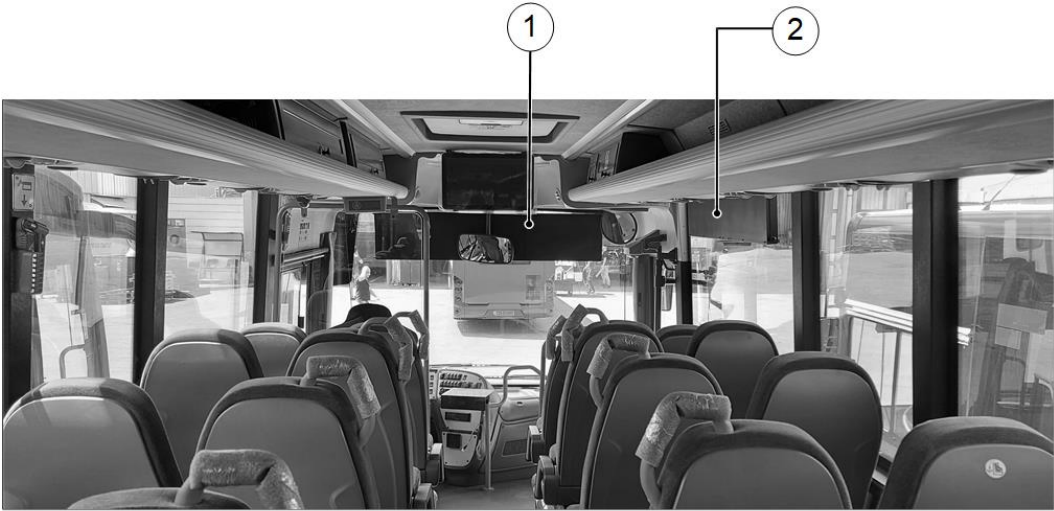
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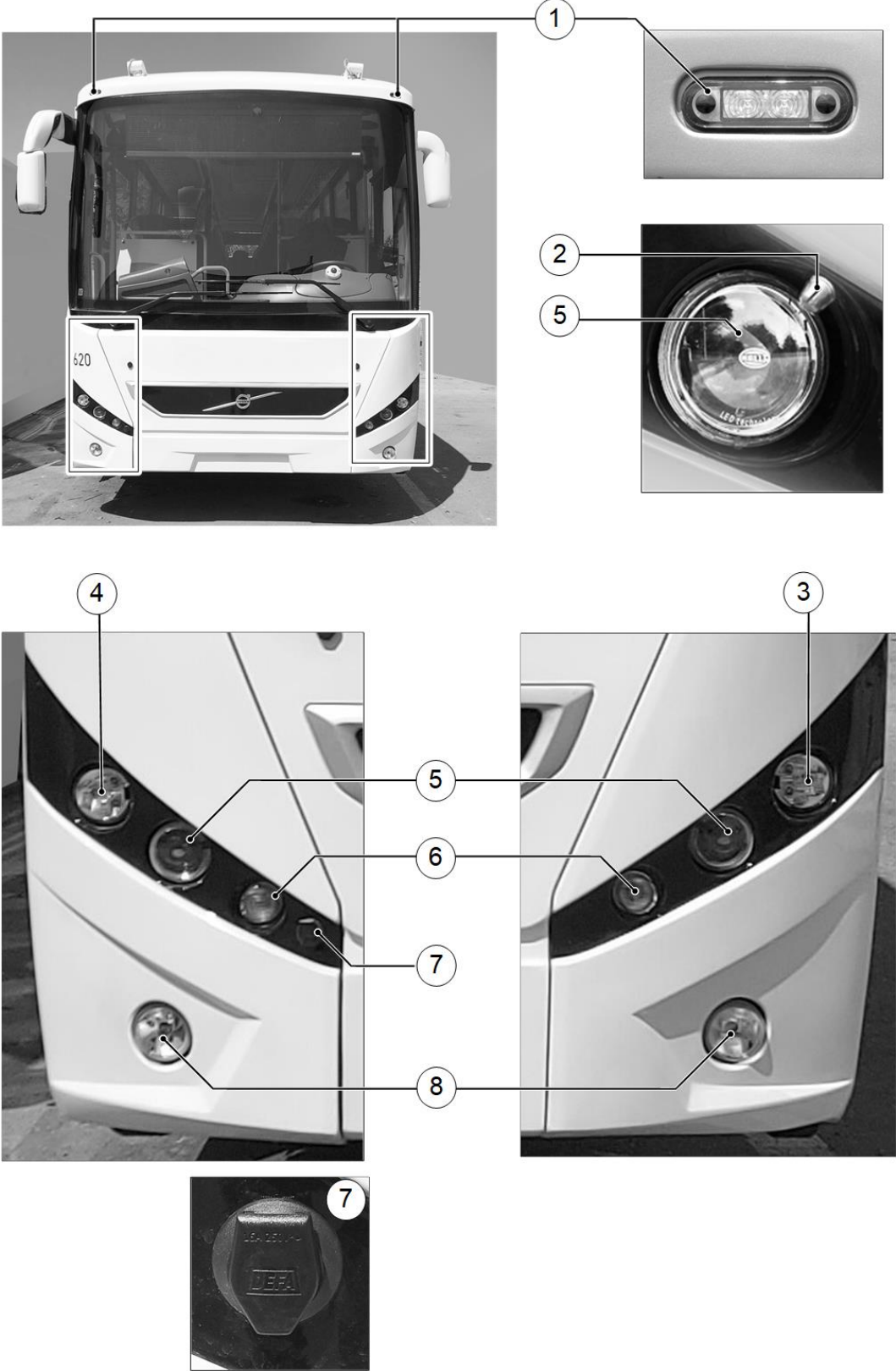


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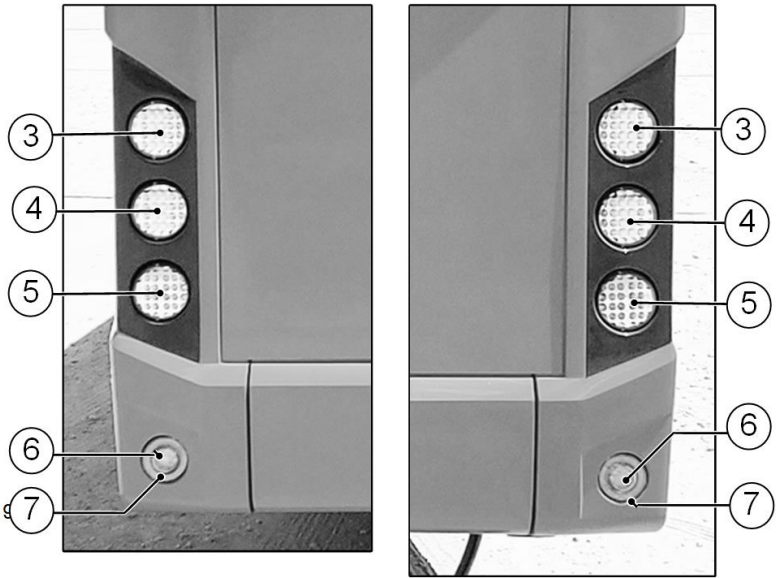
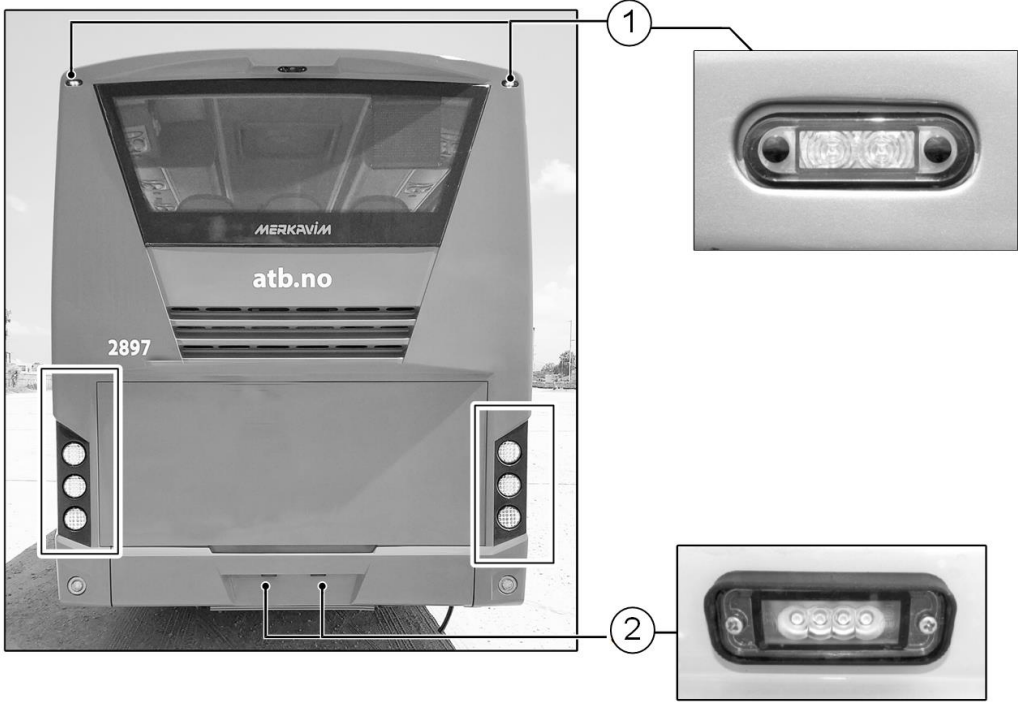
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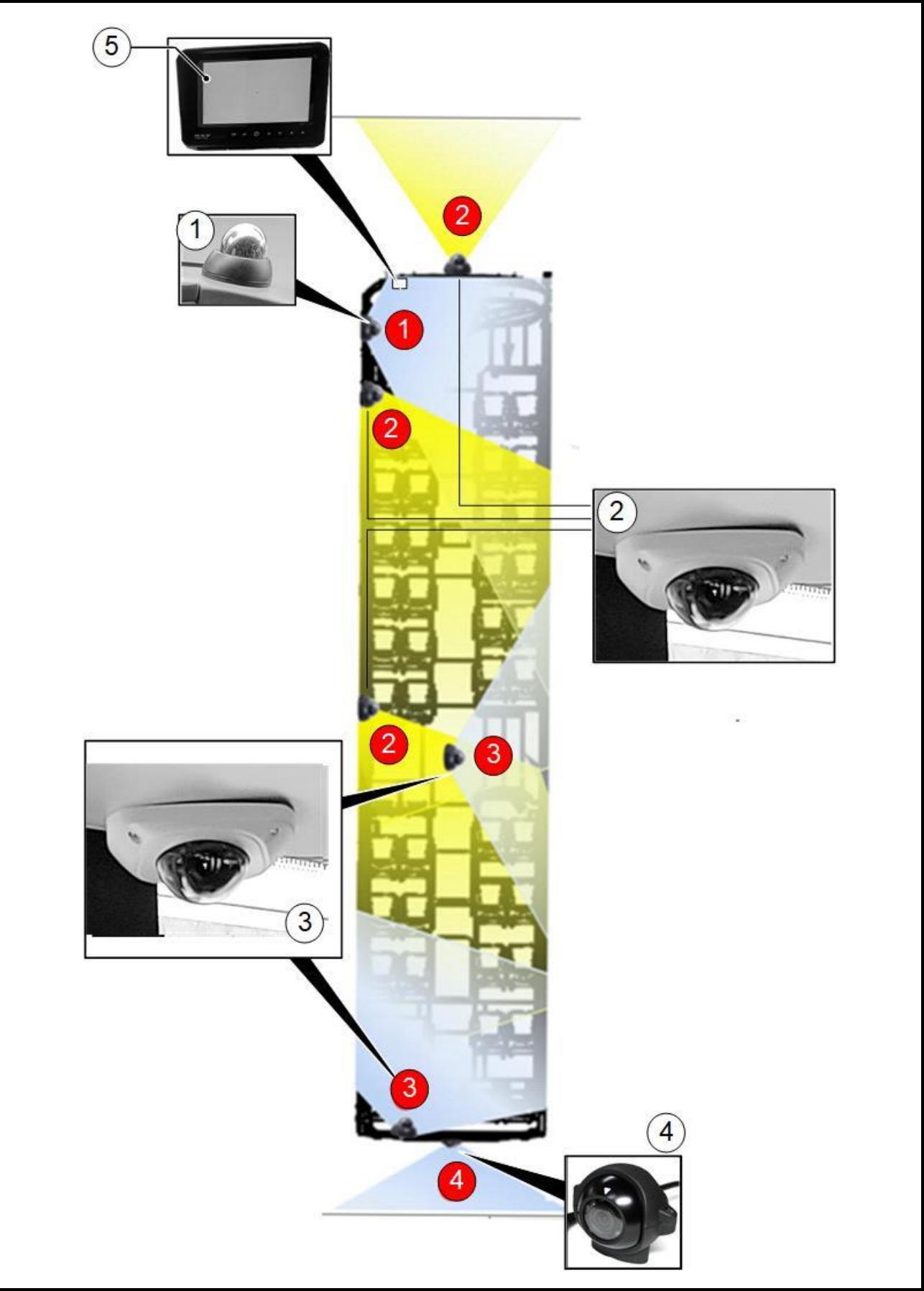
Front Lighting

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Front signal lamp white	20-254000-590407	HELLA	2PF 959590202	2
2	Head lamp double water sprinkler	48-722201-507339	DOGA	100-5073-39-0	2
3	Day time run. light left	20-254009-599031	HELLA	2PT 00959913	2
4	Day time run. light right	20-254009-599041	HELLA	2PT 00959914	2
5	Head lamp Bi-LED	20-254010-820021	HELLA	1AL 010820-021	2
6	Front direction indicator	20-081253-221007	HELLA	2BA 008221-00	2
7	Wall outlet single DEFA 700401	20-000000-700401	DEFA	700401	1
8	Front fog lamp	20-254008-582037	HELLA	1NO 008582-037	2



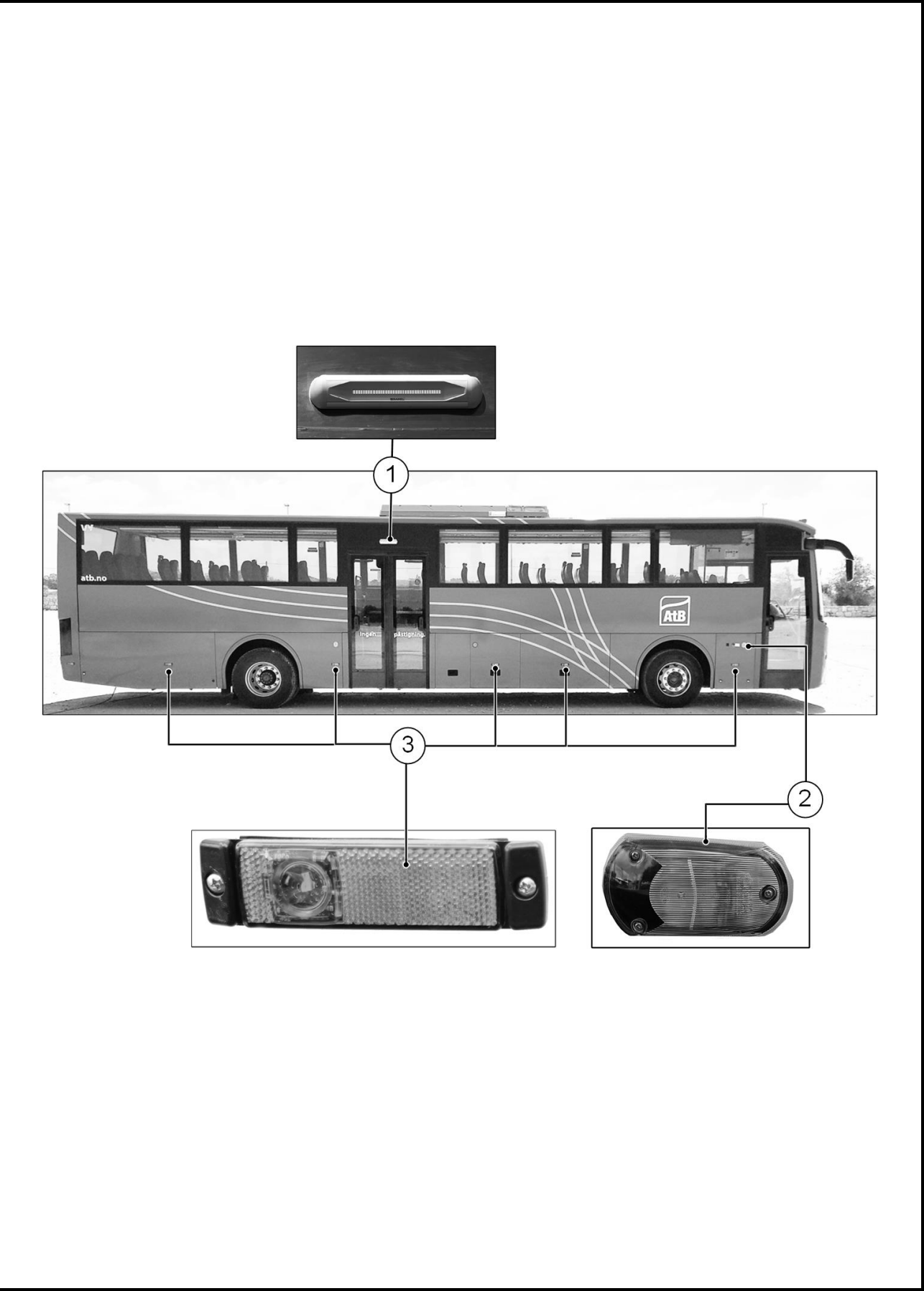
Back Lighting

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Rear signal lamp red	20-254000-610407	HELLA	2XA 959790407	2
2	License plate light	20-254000-049008	HELLA	2KA 010278-011	2
3	Rear and stop lamp	20-254344-200327	HELLA	2SB 344200327	2
4	Rear direction indicator	20-254344-200347	HELLA	2BA 344200347	2
5	Reversing light	20-254344-200051	HELLA	2ZR 344200051	2
6	Rear fog lamp	20-254011-172487	HELLA	2NE 011172487	2
7	Lamp reflex, red, round	20-000442-405007	HELLA	8RA 008405007	2



Cameras system

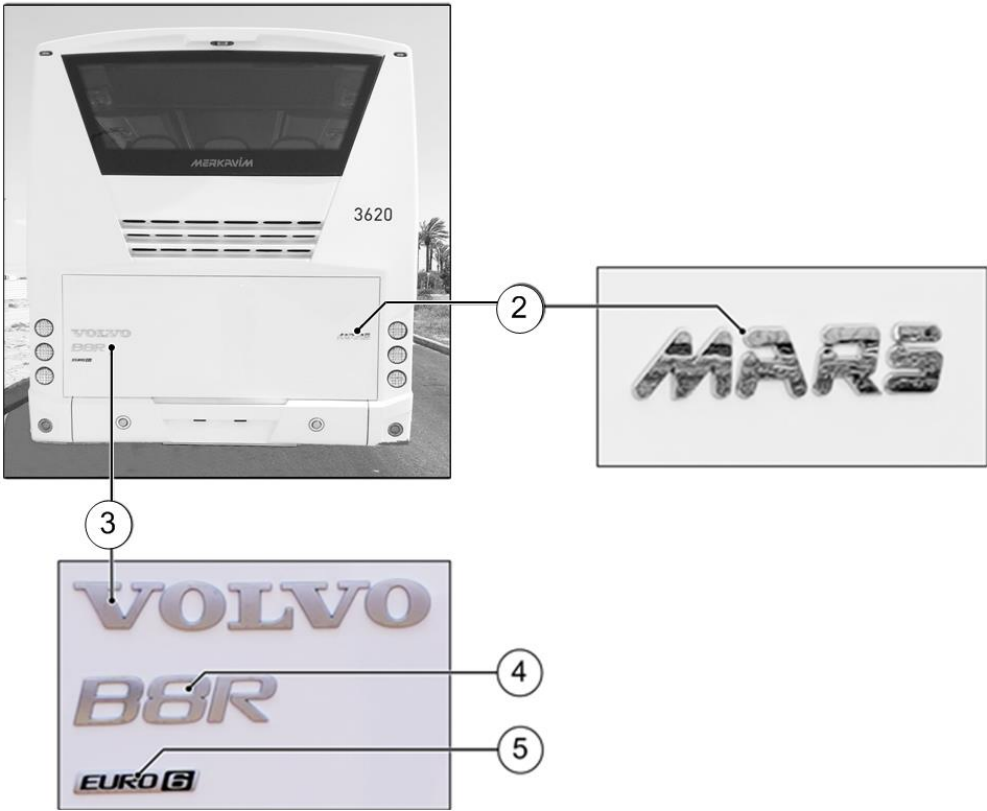
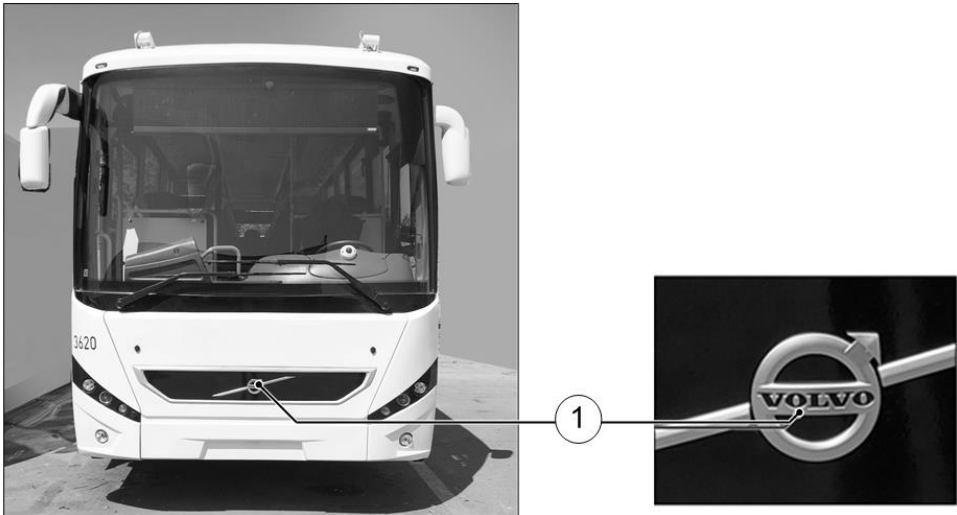
No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Front road CAMERA IR+AUDIO, 130 deg	20-000062-502173	NEXT MXN	62502173	1
2	LTG X-CAM 406D - 4,3mm	20-000625-022005	NEXT MXN	625022077	3
3	LTG X-CAM 406D - 2,9mm	20-000625-022004	NEXT MXN	625022076	2
4	MXN 22CW REVERS CAMERA IR	20-000625-022087	NEXT MXN	625022087	1
5	Monitor TFT 7"	20-000625-022029	NEXT MXN		1



Side Lighting

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	Zone lighting	20-254030-000036	SANEL	SZLG 36W	1
2	Side direction indicator	20-081253-355017	HELLA	2BM 008355-017	1
3	Side marker light with reflector	20-254000-645001	HELLA	2PS 008645-00	5

Exterior	 MARS INTERCITY BUS VOLVO B8R chassis  MERKAVIM Merkavim Transportation Technologies Ltd.	Exterior Labels
Location Name #2		
Draw. No. 101		



Exterior Labels

No.	Description	Merkavim P/N	Supplier	Supplier P/N	Qty
1	VOLVO label	53-750716-000184	VOLVO part		1
2	MARS label				1
3	VOLVO big label				1
4	B8R label				1
5	EURO6 label				1

