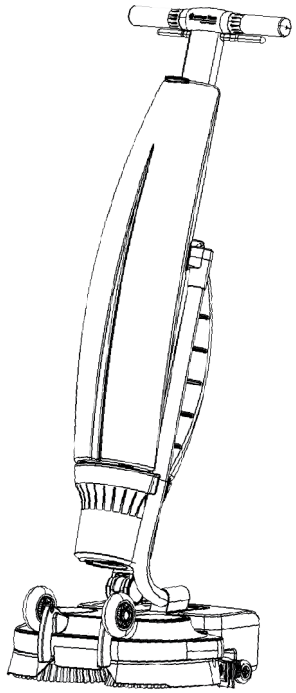
IPC
BY TENNANT COMPANY

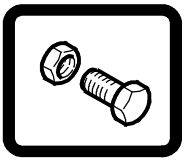
i-mop® Lite

AUTO SCRUBBER FOR HARD FLOOR SURFACES

Machine Serial Number Range
(S/N 310000 -)



Parts Manual

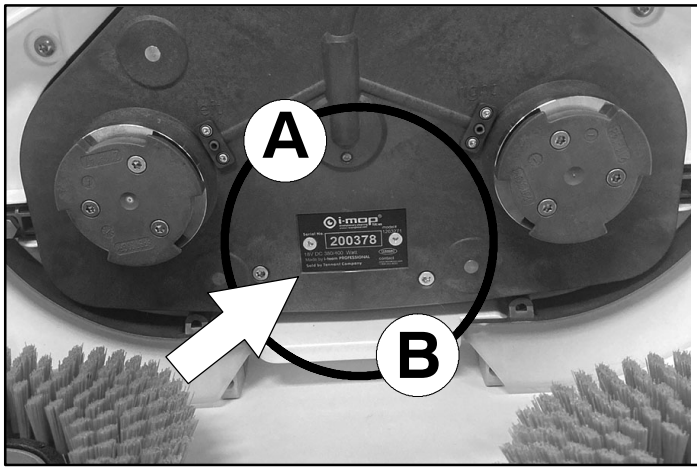


Model Part No.:
LPTB03755

Europe

www.ipcworldwide.com

9030070
Rev. 00 (04-2025)



Ref	Part No.	Serial Number	Description	Qty.
1	82681	(000000-)	Bracket Wldt, Lpg Mount	1
▽ 2	63810	(000000-)	Latch Assy, Lpg Tank Mtg, W/Nut	4
▲ 3	51839	(000000-)	Nut Adjustable, Lpg Tank Mtg	2
4	49263	(000000)	Tie, Cable	3
	82556	(000000- 001039)	Bracket, Vaporizer	1
	54930	(000000-)	Vaporizer, LPG	1

D

C

HOW TO ORDER PARTS - See diagram above

Only use IPC Company supplied or equivalent parts.

Follow the steps below to ensure prompt delivery.

1. **(A)** Identify the machine model.
2. **(B)** Identify the machine serial number from the data label.
3. **(C)** Ensure the proper serial number is used from the parts list.
4. Identify the part number and quantity. Do not order by page or reference numbers.
5. Provide your name, company name, customer ID number, billing and shipping address, phone number and purchase order number.
6. Provide detail shipping instructions.

(D) ▽ - identifies an assembly
▲ - identifies parts included in assembly

Please fill out at time of installation for future reference.

Model No. - _____

Serial No. - _____

Machine Options - _____

Sales Rep. - _____

Sales Rep. phone no. - _____

Customer ID Number - _____

Installation Date - _____

IPC Corporation
12450 Oliver Ave S
Burnsville, MN 55337 USA
Phone: (800) 486- 2775
www.ipcworldwide.com

Specifications and parts are subject to change without notice.

Copyright © 2025 IPC Corporation, Printed in U.S.A.

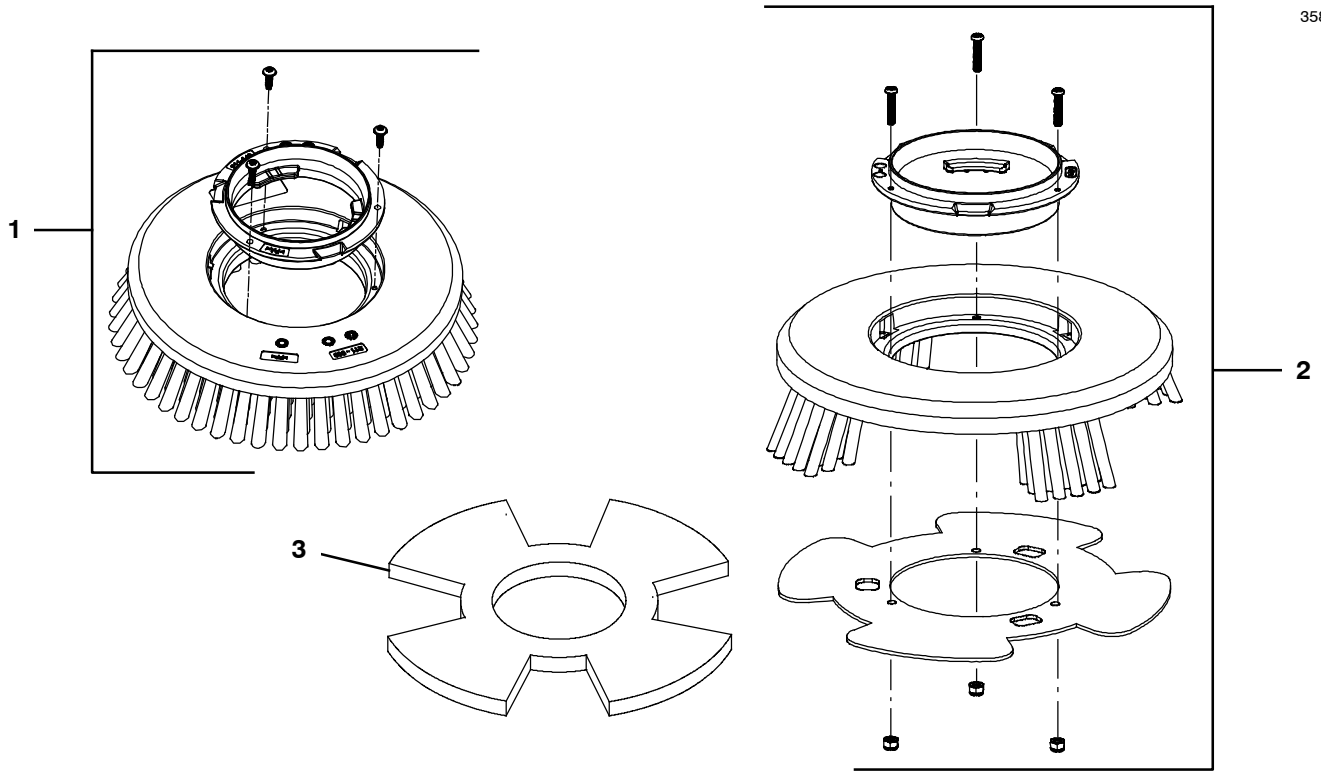
STANDARD PARTS

GENERAL RECOMMENDED MAINTENANCE ITEMS 4
BRUSH / PAD DRIVER ASSEMBLY AND PADS 5
HANDLE ASSEMBLY 6
HANDLE ASSEMBLY - CONT'D 8
VACUUM MOTOR ASSEMBLY 10
DIRTY WATER TANK ASSEMBLY 11
CLEAN WATER TANK ASSEMBLY 12
SCRUB HEAD ASSEMBLY 14
SCRUB HEAD ASSEMBLY - Cont'd 16
SQUEEGEE ASSEMBLY 18
FLOOR UNIT ASSEMBLY 20
FLOOR UNIT PCB AND SOLENOID ASSEMBLY 22
BATTERY AND CHARGER 24
ELECTRICAL DIAGRAM 25

GENERAL RECOMMENDED MAINTENANCE ITEMS

	Part No.	Serial Number	Description	Qty.
	SPPV02799	(310000-)	Brush, Lt Blue, Soft, 7 [Lite Qty 2]	1
	SPPV02798	(310000-)	Brush, Blue, Med, 7 [Lite Qty 2]	1
	SPPV02797	(310000-)	Brush, Red, Hard, 7 [Lite Qty 2]	1
	SPPV02796	(310000-)	Pad, Driver, 7 [Lite Qty 2]	1
	SPPV02800	(310000-)	Pad, Blk, Aggressive, 7 [Lite Qty 10]	1
	SPPV02801	(310000-)	Pad, Red, Regular, 7 [Lite Qty 10]	1
	SPPV02802	(310000-)	Pad, White, Buffing, 7 [Lite Qty 10]	1
	SPPV02803	(310000-)	Pad, Grn, Aggressive, 7 [Lite Qty 10]	1
	SPPV02804	(310000-)	Pad, Blue, Heavy, 7 [Lite Qty 10]	1
∇	KTRI06900	(310000-)	Squeegee Assy, Cpl [Lite]	1
▲	MPVR14022	(310000-)	Wheel, Bumper Sqge [Lite]	2
▲	KTRI06901	(310000-)	Wheel Assy, Sqge Static [Lite]	2
▲	KTRI06902	(310000-)	Wheel Assy, Sqge Swivel [Lite]	1
▲	MPVR14026	(310000-)	Blade, Sqge, Rear, Linatex (Standard)	1
▲	MPVR14024	(310000-)	Blade, Sqge, Front, Linatex (Standard)	1
	KTRI06914	(310000-)	Magnet, Tank Retainer Assy [I- Mop Lite]	2
	KTRI06912	(310000-)	Connector, Hose, Assy [I- Mop Lite]	1
	KTRI06913	(310000-)	Filter Assy, Ball Float [I- Mop Lite]	1
∇	MECE01016	(310000-)	Controller Assembly, [Lite Qty 1]	1
▲	MECE01017	(310000-)	Pcb, Controller, [I- Mop Lite]	1
	KTRI06915	(310000-)	Hinge Bracket Assy [I- Mop Lite]	1
∇	KTRI06920	(310000-)	Hose, Sqge Assy [I- Mop Lite]	1
▲	KTRI06925	(310000-)	Hose, Squeegee [I- Mop Lite]	1
∇	MOCC00542	(310000-)	Vacuum, Motor Assembly [Lite]	1
▲	MOCC00543	(310000-)	Motor, Vacuum [I- Mop Lite]	1
	KTRI06918	(310000-)	Circuitboard/Solenoid Assy [I- Mop Lite]	1
	MECE01015	(310000-)	Pcb, Floor Unit, [Lite Qty 1]	4
	KTRI06917	(310000-)	Magnet, Park Stop Assy [I- Mop Lite]	1
	MVPR14040	(310000-)	Splash Guard Set, [Lite Qty 1]	1
	KTRI06921	(310000-)	Caster, Transport Kit, Lh [I- Mop Lite]	1
	KTRI06909	(310000-)	Caster, Transport Kit, Rh [I- Mop Lite]	1
	BAAC00222	(310000-)	Battery, Gray, 14ah	1
	BACA00343	(310000-)	Charger, 5a, No Cord [Lite]	1
∇	MPVR14044	(310000-)	Tank, Fresh Water, [Lite Qty 1]	1
▲	KTRI06905	(310000-)	Cap Kit, Tank, Sol [Blue] (Standard)	1
▲	KTRI06924	(310000-)	Filter Assy, Sol Tank [I- Mop Lite]	1
∇	MPVR14045	(310000-)	Tank, Recovery, [Lite Qty 1]	1
▲	KTRI06904	(310000-)	Cap Kit, Tank, Rec	1

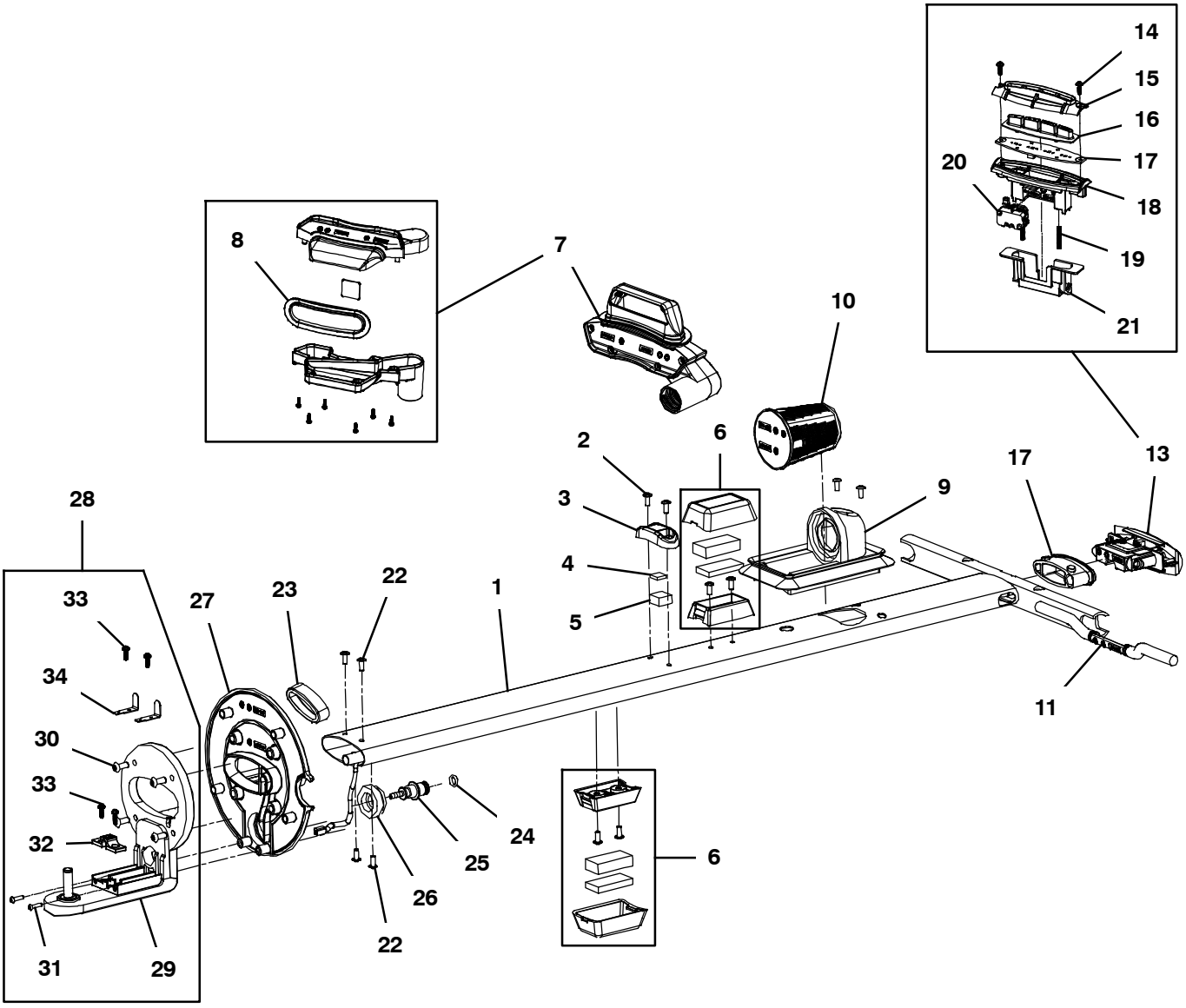
BRUSH / PAD DRIVER ASSEMBLY AND PADS



Ref.	Part No.	Serial Number		Description	Qty.
1	SPPV02799	(310000-	)	Brush, Lt Blue, Soft, 7 [Lite Qty 2]	1
1	SPPV02798	(310000-	)	Brush, Blue, Med, 7 [Lite Qty 2]	1
1	SPPV02797	(310000-	)	Brush, Red, Hard, 7 [Lite Qty 2]	1
2	SPPV02796	(310000-	)	Pad, Driver, 7 [Lite Qty 2]	1
3	SPPV02800	(310000-	)	Pad, Blk, Aggressive, 7 [Lite Qty 10]	1
3	SPPV02801	(310000-	)	Pad, Red, Regular, 7 [Lite Qty 10]	1
3	SPPV02802	(310000-	)	Pad, White, Buffing, 7 [Lite Qty 10]	1
3	SPPV02803	(310000-	)	Pad, Grn, Aggressive, 7 [Lite Qty 10]	1
3	SPPV02804	(310000-	)	Pad, Blue, Heavy, 7 [Lite Qty 10]	1

HANDLE ASSEMBLY

358071



HANDLE ASSEMBLY

	Ref.	Part No.	Serial Number		Description	Qty.
	1	LAFN12277	(310000-	)	Tube, Inlet	1
	2	N/A	(310000-	)	Rivet Closed 4x10	2
	3	N/A	(310000-	)	Hose Connector Fixation	1
	4	N/A	(310000-	)	Washer, Eva 15x15x1.5MM	1
	5	N/A	(310000-	)	Magnet Block Neodymium 15x15x8	1
	6	KTRI06914	(310000-	)	Magnet, Tank Retainer Assy [I- Mop Lite]	2
∇	7	KTRI06912	(310000-	)	Connector, Hose, Assy [I- Mop Lite]	1
▲	8	MPVR14020	(310000-	)	Holder Seal Hose Connector	1
	9	MPVR14021	(310000-	)	Float Holder Rubber	1
	10	KTRI06913	(310000-	)	Filter Assy, Ball Float [I- Mop Lite]	1
	11	MPVR14046	(310000-	)	Controller, Trigger [I- Mop Lite]	1
	12	N/A	(310000-	)	Tube Rubber	1
∇	13	MECE01016	(310000-	)	Controller Assembly, [Lite Qty 1]	1
▲	14	N/A	(310000-	)	Screw Ejot PT WN 5451 30x10	2
▲	15	N/A	(310000-	)	Key Pad Frame Control Unit White	1
▲	16	N/A	(310000-	)	Key Pad Control Unit	1
▲	17	MECE01017	(310000-	)	Pcb, Controller, [I- Mop Lite]	1
▲	18	N/A	(310000-	)	PCB Frame Control Unit	1
▲	19	N/A	(310000-	)	Spring Compression 2.7x3.7x23.5	2
▲	20	N/A	(310000-	)	Power Switch Assy Control Unit	1
▲	21	N/A	(310000-	)	Handle Frame Control Unit	1
	22	N/A	(310000-	)	Rivet Closed 4x10	4
	23	N/A	(310000-	)	Adapter Seal Tube Main Grey	1
	24	GUGO00792	(310000-	)	O Ring 6x3	1
	25	LAFN12279	(310000-	)	Water Connector Male Pin	1
	26	MPVR14051	(310000-	)	Water Connector Rubber Male	1
	27	N/A	(310000-	)	Adapter Tube Main Grey	1
∇	28	KTRI06915	(310000-	)	Hinge Bracket Assy [I- Mop Lite]	1
▲	29	N/A	(310000-	)	Hinge Bracket Grey	1
▲	30	N/A	(310000-	)	Screw Cap Head Round M5x12	4
▲	31	N/A	(310000-	)	Screw Cap Head M3x12	2
▲	32	N/A	(310000-	)	Bracket Cover Hinge Grey	1
▲	33	N/A	(310000-	)	Screw Ejot PT WN 5451 30x10	4
▲	34	N/A	(310000-	)	Vacuum Motor Electro Contact Large	2

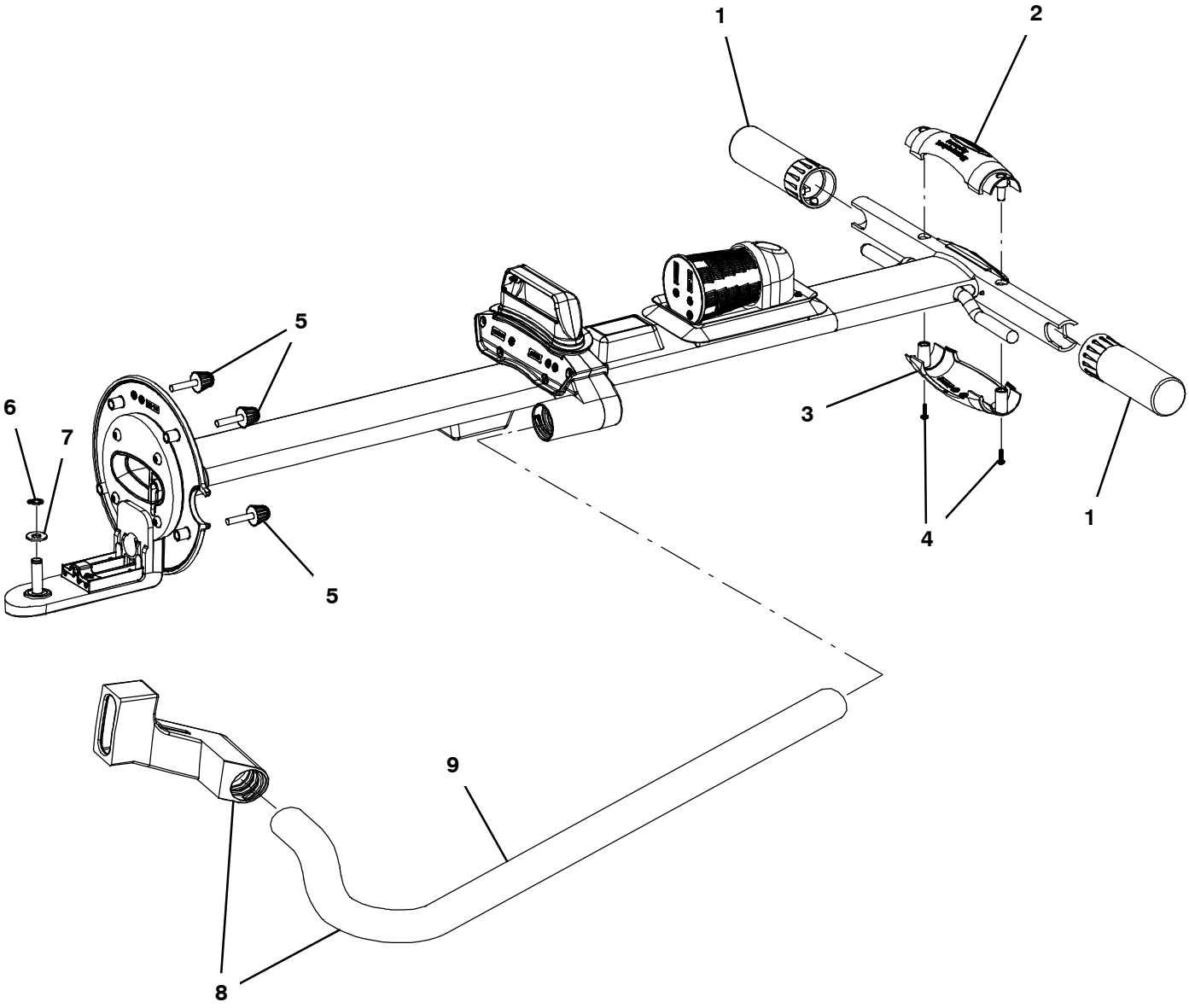
∇ ASSEMBLY

▲ INCLUDED IN ASSEMBLY

N/A = NOT AVAILABLE SEPARATELY - MUST ORDER ASSEMBLY (∇)

HANDLE ASSEMBLY - CONT'D

358072



HANDLE ASSEMBLY - CONT'D

	Ref.	Part No.	Serial Number		Description	Qty.
	1	KTRI06926	(310000-	)	Grip, Handle, [Qty 2 I- Mop Lite]	2
	2	MPVR14028	(310000-	)	Cover Front Main Tube	1
	3	MPVR14029	(310000-	)	Cover Rear Main Tube	1
	4	VTVT01724	(310000-	)	Screw Ejot PT WN 5451 30x10	2
	5	VTVT01722	(310000-	)	Screw, Fixation, Grey	4
	N/S	MPVR14019	(310000-	)	Tool, Screw Fixation	1
	6	N/A	(310000-	)	Circlip External 8.0	1
	7	N/A	(310000-	)	Fixation Disk Main Hinge	1
∇	8	KTRI06920	(310000-	)	Hose, Sqge Assy [I- Mop Lite]	1
▲	9	KTRI06925	(310000-	)	Hose, Squeegee [I- Mop Lite]	1

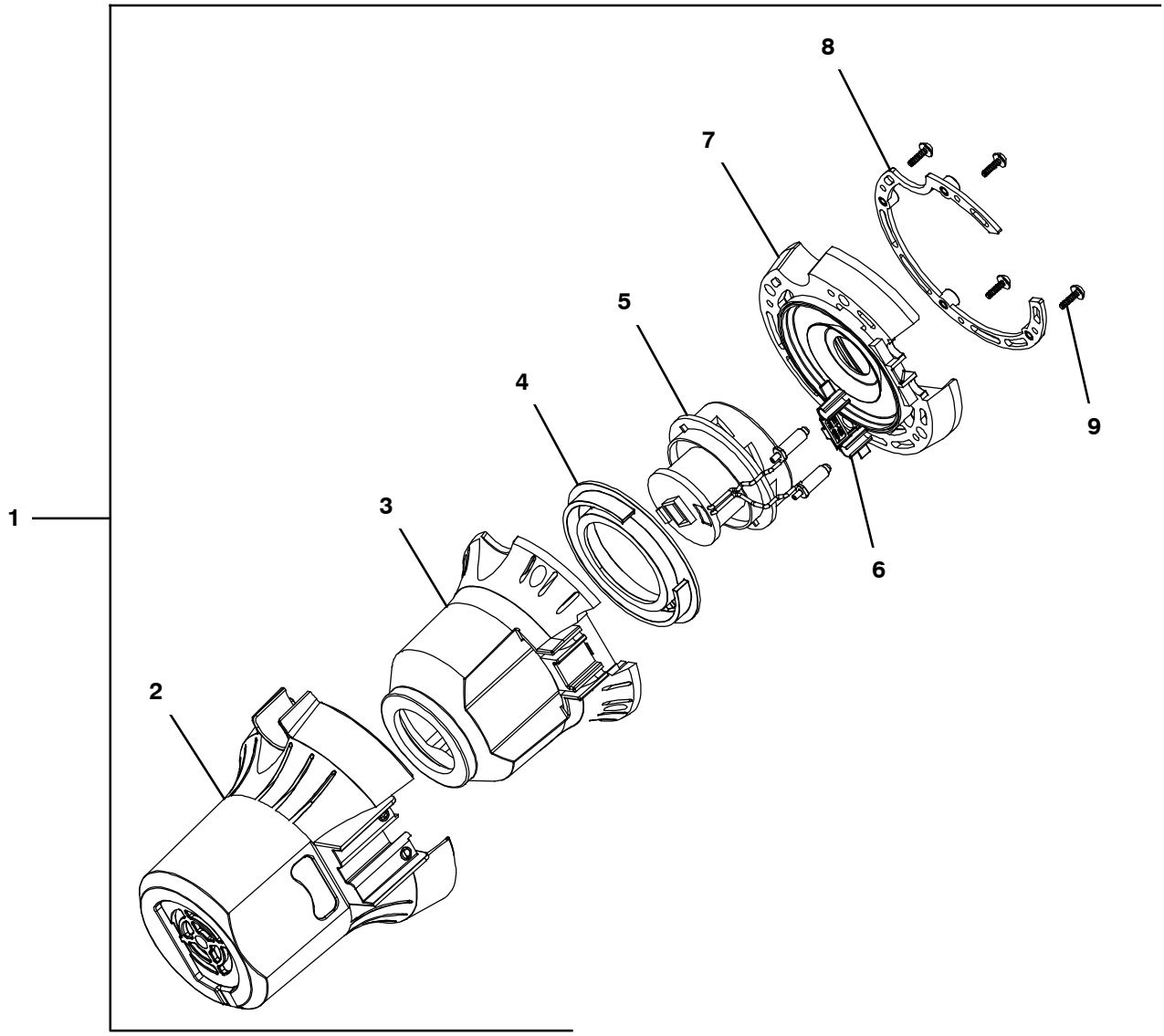
∇ ASSEMBLY

▲ INCLUDED IN ASSEMBLY

N/A = NOT AVAILABLE SEPARATELY

VACUUM MOTOR ASSEMBLY

358073



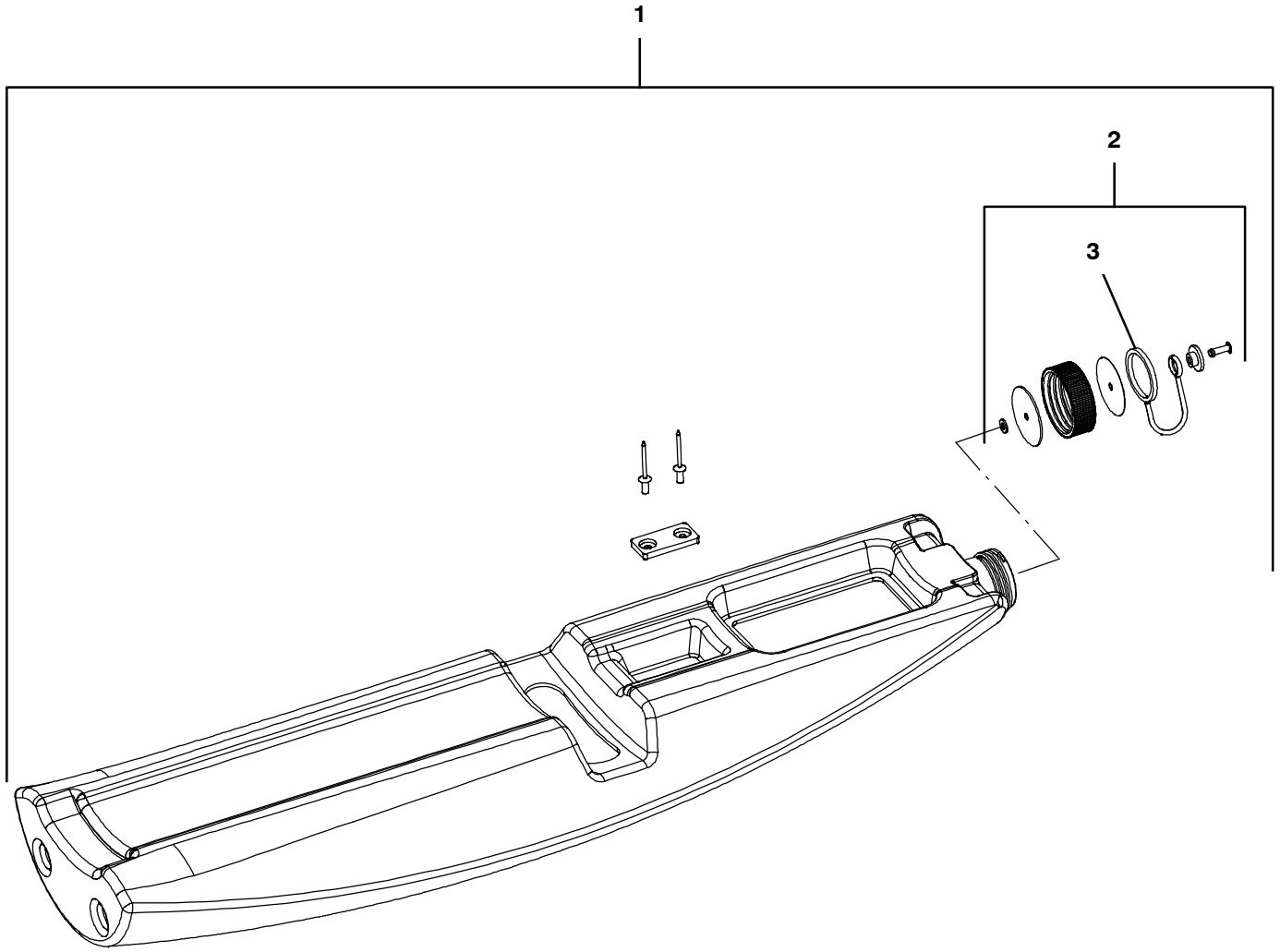
	Ref.	Part No.	Serial Number		Description	Qty.
∇	1	MOCC00542	(310000-	)	Vacuum, Motor Assembly [Lite]	1
▲	2	MPVR14030	(310000-	)	Housing, Vac Motor, Bottom [Lite]	1
▲	3	MPVR14031	(310000-	)	Rubber, Bottom, Vac Motor [Lite]	1
▲	4	MPVR14032	(310000-	)	Adapter, Vac Motor [Lite]	1
▲	5	MOCC00543	(310000-	)	Motor, Vacuum [I- Mop Lite]	1
▲	6	MPVR14033	(310000-	)	Contact Block, Vac Motor [Lite]	1
▲	7	MPVR14034	(310000-	)	Rubber, Top Vac Motor [Lite]	1
▲	8	MPVR14035	(310000-	)	Bracket, Vac Motor Grey [Lite]	1
▲	9	VTVT01725	(310000-	)	Screw, Ejot Pt 40x14	4

∇ ASSEMBLY

▲ INCLUDED IN ASSEMBLY

DIRTY WATER TANK ASSEMBLY

358075



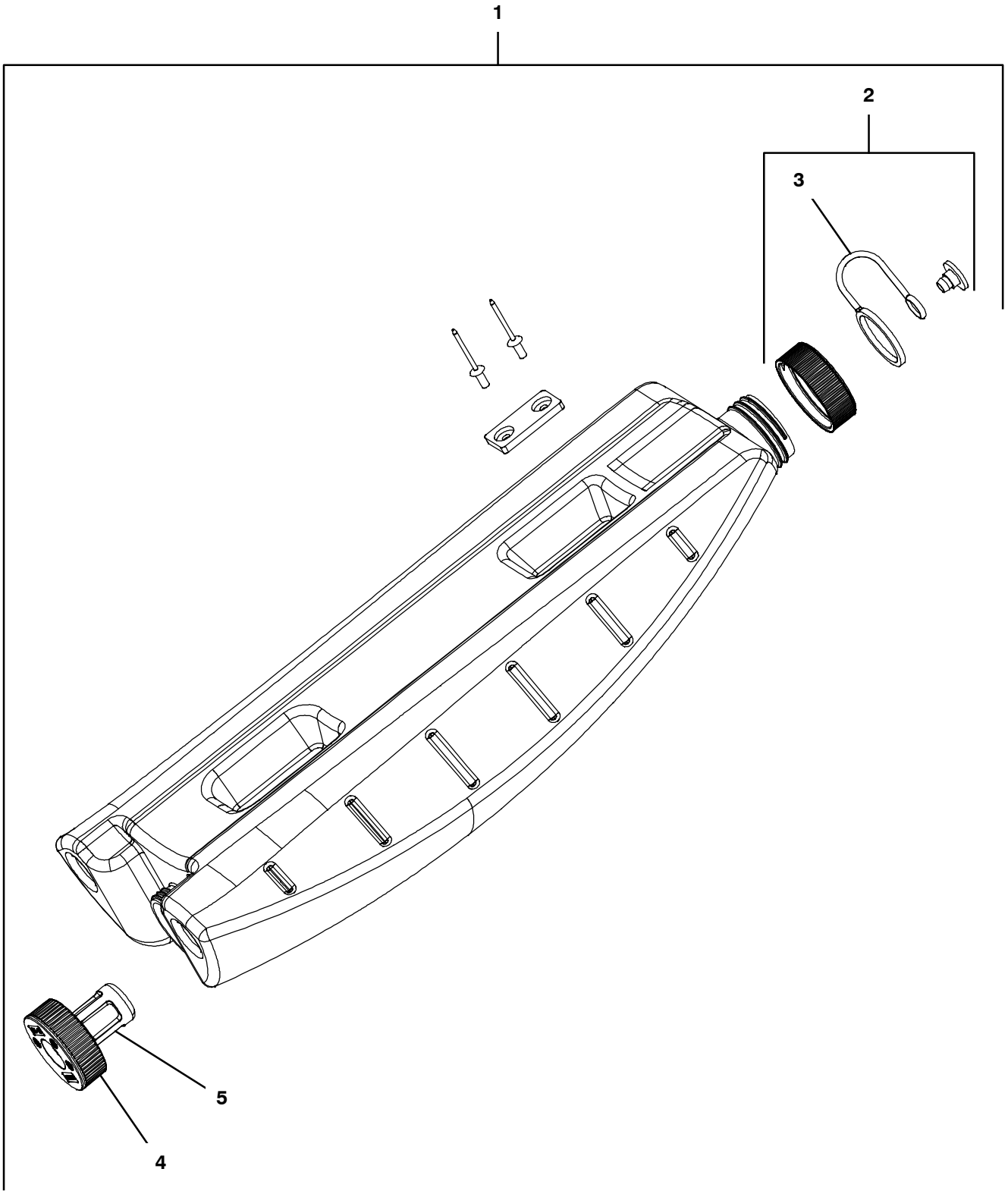
	Ref.	Part No.	Serial Number		Description	Qty.
∇	1	MPVR14045	(310000-	)	Tank, Recovery, [Lite Qty 1]	1
▲∇	2	KTRI06904	(310000-	)	Cap Kit, Tank, Rec	1
▲▲	3	MPVR14023	(310000-	)	Cap Holder	1

∇ ASSEMBLY

▲ INCLUDED IN ASSEMBLY

CLEAN WATER TANK ASSEMBLY

358074



CLEAN WATER TANK ASSEMBLY

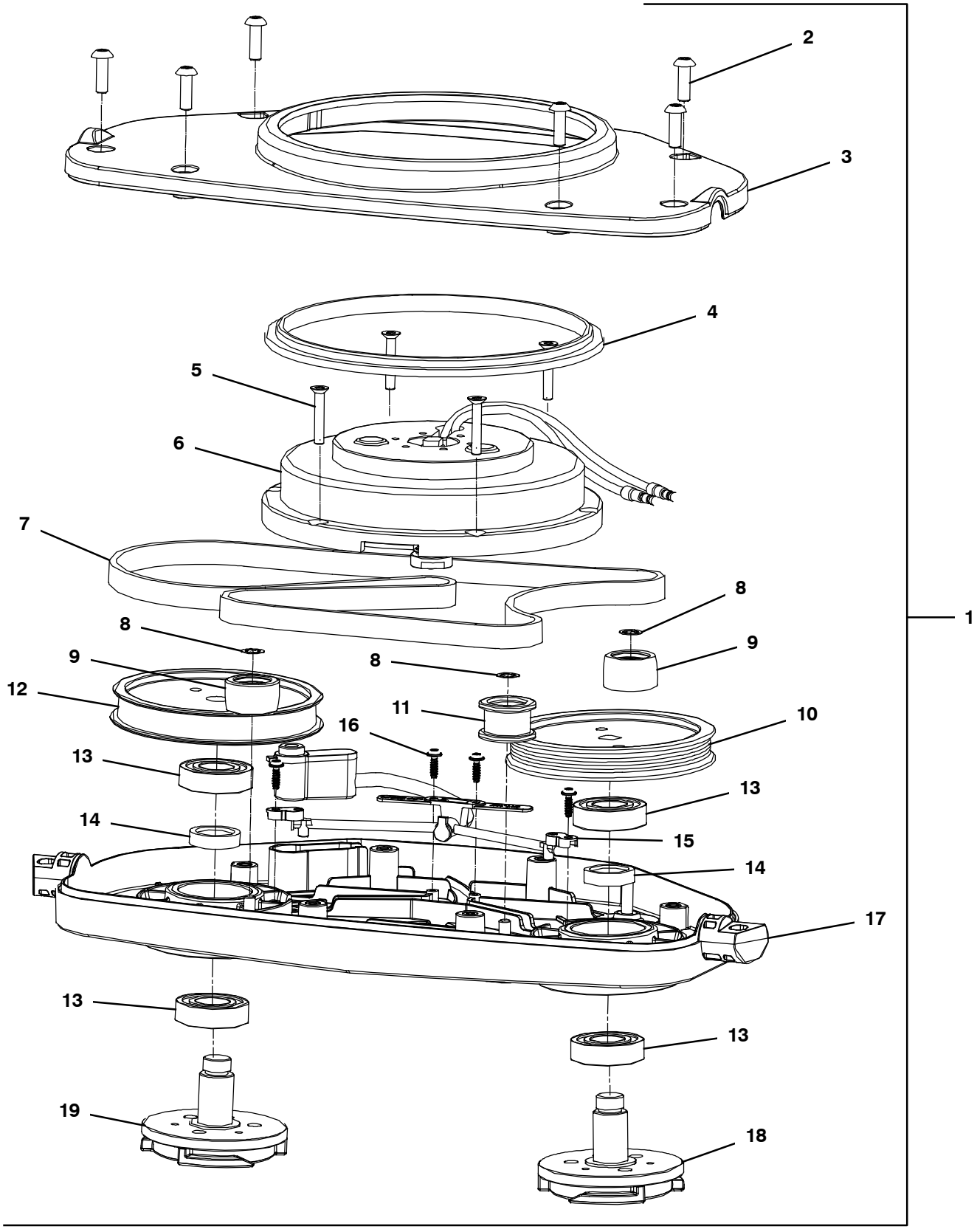
	Ref.	Part No.	Serial Number		Description	Qty.
∇	1	MPVR14044	(310000-	)	Tank, Fresh Water, [Lite Qty 1]	1
▲∇	2	KTRI06905	(310000-	)	Cap Kit, Tank, Sol [Blue] (Standard)	1
▲▲	3	MPVR14023	(310000-	)	Cap Holder Strap	1
▲∇	4	KTRI06924	(310000-	)	Filter Assy, Sol Tank [I- Mop Lite]	1
▲▲	5	MPVR14027	(310000-	)	Water Connector Filter Female	1

∇ ASSEMBLY

▲ INCLUDED IN ASSEMBLY

SCRUB HEAD ASSEMBLY

358076



SCRUB HEAD ASSEMBLY

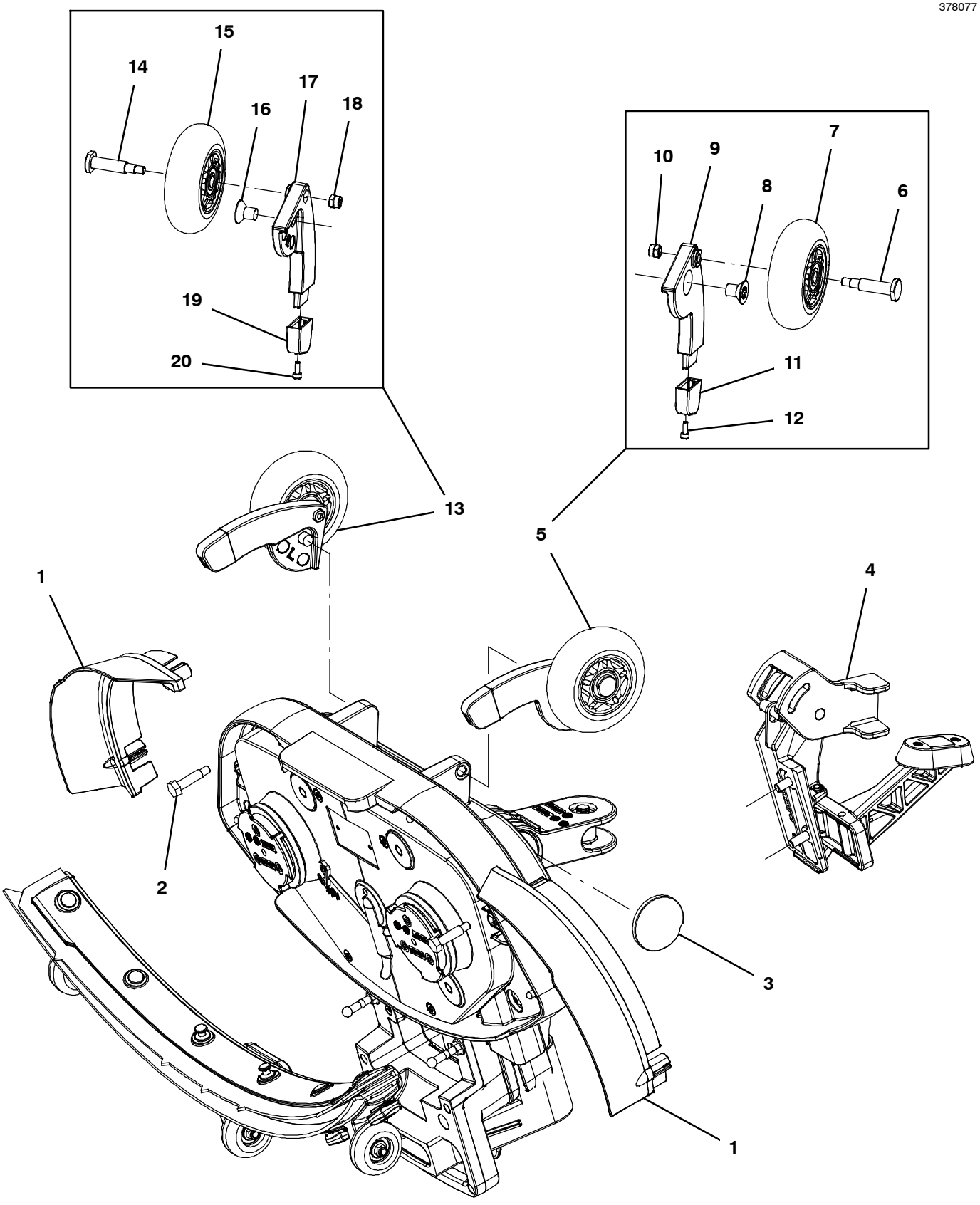
	Ref.	Part No.	Serial Number		Description	Qty.
∇	1	KTRI06910	(310000-	)	Head, Scrbr Assy [I- Mop Lite]	1
▲	2	N/A	(310000-	)	Round Head Cap Screw M5x16	6
▲	2	N/A	(310000-	)	Drive Module Cover Grey	1
▲	4	N/A	(310000-	)	Drive Motor Rubber	1
▲	5	N/A	(310000-	)	Counter Sunk Bolt M4x25	4
▲	6	MOCC00541	(310000-	)	Drive Module Motor Assembly	2
▲	7	MTCG00181	(310000-	)	Drive Belt	1
▲	8	N/A	(310000-	)	Self Locking Ring ZA 5	3
▲	9	N/A	(310000-	)	Idler Pulley Complete Type C	2
▲	10	N/A	(310000-	)	Drive Pulley CW	1
▲	11	N/A	(310000-	)	Idler Pulley Assembly Type B	1
▲	12	N/A	(310000-	)	Drive Pulley CCW	1
▲	13	KTRI06927	(310000-	)	Bearing, Coupling [I- Mop Lite Qty 2]	4
▲	14	N/A	(310000-	)	Bearing Support Ring	2
▲	15	N/A	(310000-	)	Water Distributor Assembly	1
▲	16	N/A	(310000-	)	Screw Ejot PT Wn 5451 30x10	4
▲	17	N/A	(310000-	)	Chassis Complete Grey	1
▲	18	KTRI06922	(310000-	)	Brush Coupling Assy, Lh [I- Mop Lite]	1
▲	19	KTRI06923	(310000-	)	Brush Coupling Assy, Rh [I- Mop Lite]	1

∇ ASSEMBLY

▲ INCLUDED IN ASSEMBLY

N/A = NOT AVAILABLE SEPARATELY - MUST ORDER ASSEMBLY (∇)

SCRUB HEAD ASSEMBLY - Cont'd



SCRUB HEAD ASSEMBLY - Cont'd

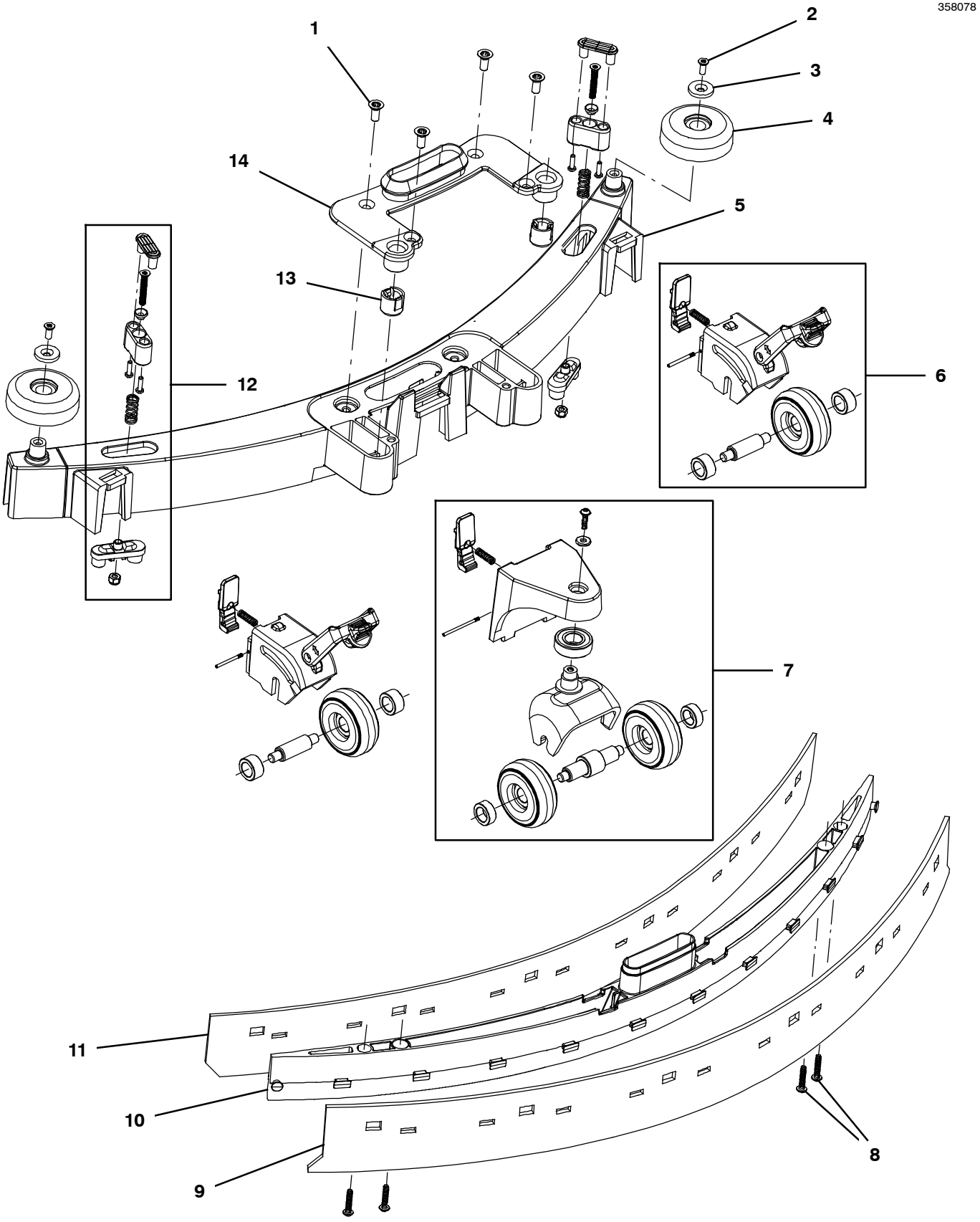
	Ref.	Part No.	Serial Number		Description	Qty.
	1	MVPR14040	(310000-	)	Splash Guard Set, [Lite Qty 1]	1
	2	LAFN12274	(310000-	)	Drive Module Fixation Pin	2
	3	N/A	(310000-	)	Main Hinge Cover	2
	4	KTRI06911	(310000-	)	Support, Stand Assy [I- Mop Lite]	1
∇	5	KTRI06921	(310000-	)	Caster, Transport Kit, Lh [I- Mop Lite]	1
▲	6	LAFN12276	(310000-	)	Bolt Transport Wheel	1
▲	7	RTRT00846	(310000-	)	Transport Wheel White	1
▲	8	N/A	(310000-	)	Screw	1
▲	9	N/A	(310000-	)	Transport Wheel Pillar Left	1
▲	10	LAFN12275	(310000-	)	Nut	1
▲	11	N/A	(310000-	)	Transport Pillar Cap Left	1
▲	12	N/A	(310000-	)	Screw Round Head Cap M3x8 Sus304	1
∇	13	KTRI06909	(310000-	)	Caster, Transport Kit, Rh [I- Mop Lite]	1
▲	14	LAFN12276	(310000-	)	Bolt Transport Wheel	1
▲	15	RTRT00846	(310000-	)	Transport Wheel White	1
▲	16	N/A	(310000-	)	Screw	1
▲	17	N/A	(310000-	)	Transport Wheel Pillar Right	1
▲	18	LAFN12275	(310000-	)	Nut	1
▲	19	N/A	(310000-	)	Transport Pillar Cap Right	1
▲	20	N/A	(310000-	)	Screw Round Head Cap M3x8 Sus304	1

∇ ASSEMBLY

▲ INCLUDED IN ASSEMBLY

N/A = NOT AVAILABLE SEPARATELY - MUST ORDER ASSEMBLY (∇)

SQUEEGEE ASSEMBLY



SQUEEGEE ASSEMBLY

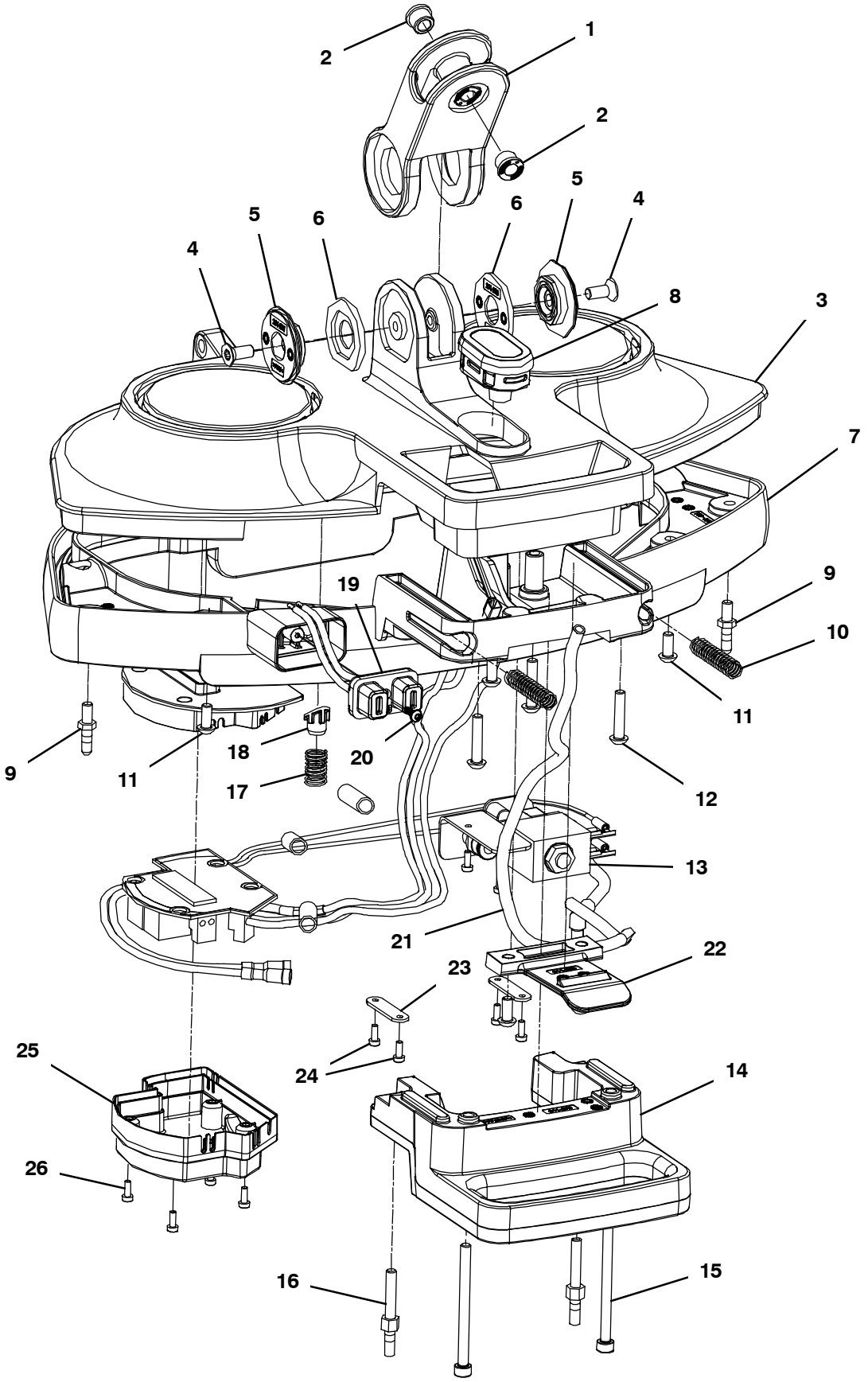
	Ref.	Part No.	Serial Number		Description	Qty.
∇		KTRI06900	(310000-	)	Squeegee Assy, Cpl [Lite]	1
▲	1	VTVT01726	(310000-	)	Bolt, Counter Sunk, M4x12	4
▲	2	VTVT01723	(310000-	)	Screw, Flt, Torx, M3x8	2
▲	3	VTRS00676	(310000-	)	Washer, Counter Sunk M3	2
▲	4	MPVR14022	(310000-	)	Wheel, Bumper Sqge [Lite]	2
▲	5	MPVR14036	(310000-	)	Frame, Sqge, Main [Lite]	1
▲	6	KTRI06901	(310000-	)	Wheel Assy, Sqge Static [Lite]	2
▲	7	KTRI06902	(310000-	)	Wheel Assy, Sqge Swivel [Lite]	1
▲	8	VTVT01727	(310000-	)	Screw, Ejot Pt Wn 5452 30x14	4
▲	9	MPVR14026	(310000-	)	Blade, Sqge, Rear, Linatex (Standard)	1
▲	10	MPVR14037	(310000-	)	Holder, Sqge Blade [Lite]	3
▲	11	MPVR14024	(310000-	)	Blade, Sqge, Front, Linatex (Standard)	1
▲	12	KTRI06903	(310000-	)	Kit, Pushing Knob [Set Of 2, Xl]	1
▲	13	MPVR14038	(310000-	)	Squeegee Pin Holder I- mop Lite Grey (P431c)	2
▲	14	MPVR14039	(310000-	)	Squeegee Connector I- mop Lite Grey (P431c)	1

∇ ASSEMBLY

▲ INCLUDED IN ASSEMBLY

FLOOR UNIT ASSEMBLY

358079



FLOOR UNIT ASSEMBLY

	Ref.	Part No.	Serial Number		Description	Qty.
	1	N/A	(310000-	)	Main Hinge Assy	1
	2	N/A	(310000-	)	Bearing Brush Main Hinge	2
	3	N/A	(310000-	)	Floor Unit Main Cover Grey	1
	4	N/A	(310000-	)	Screw M6x14	2
	5	N/A	(310000-	)	Floor Unit Bearing Brush	2
	6	N/A	(310000-	)	Floor Unit Bearing Disc	2
	7	N/A	(310000-	)	Protection Bumper	1
	8	KTRI06917	(310000-	)	Magnet, Park Stop Assy [I- Mop Lite]	1
	9	N/A	(310000-	)	Fixation Pin	4
	10	N/A	(310000-	)	Spring Compression 7x9x45.5	2
	11	N/A	(310000-	)	Screw Round Head Cap M5x12	5
	12	N/A	(310000-	)	Screw Round Head Cap M5x25	3
	13	KTRI06918	(310000-	)	Circuitboard/Solenoid Assy [I- Mop Lite]	1
	14	KTRI06899	(310000-	)	Handle, Lift, Scrubhead [I- Mop Lite]	1
	15	N/A	(310000-	)	Screw Socket Head Cap Torx M5x65	2
	16	N/A	(310000-	)	Fixation Pin Squeegee	2
	17	N/A	(310000-	)	Spring Floor Unit	1
	18	N/A	(310000-	)	Support Spring Floor Unit	1
∇	19	KTRI06916	(310000-	)	Spring Contact Assy [I- Mop Lite]	1
▲	20	N/A	(310000-	)	Screw Ejot Pt Wn 5451 30x10	1
	21	N/A	(310000-	)	Hose Main Water	1
	22	MPVR14043	(310000-	)	Holder, Battery Clip [I- Mop Lite]	1
	23	N/A	(310000-	)	Plate Cable Holder	2
	24	N/A	(310000-	)	Screw Socket Head Cap Torx M5x8	4
	25	N/A	(310000-	)	Box Cover Electronics White	1
	26	N/A	(310000-	)	Screw	4

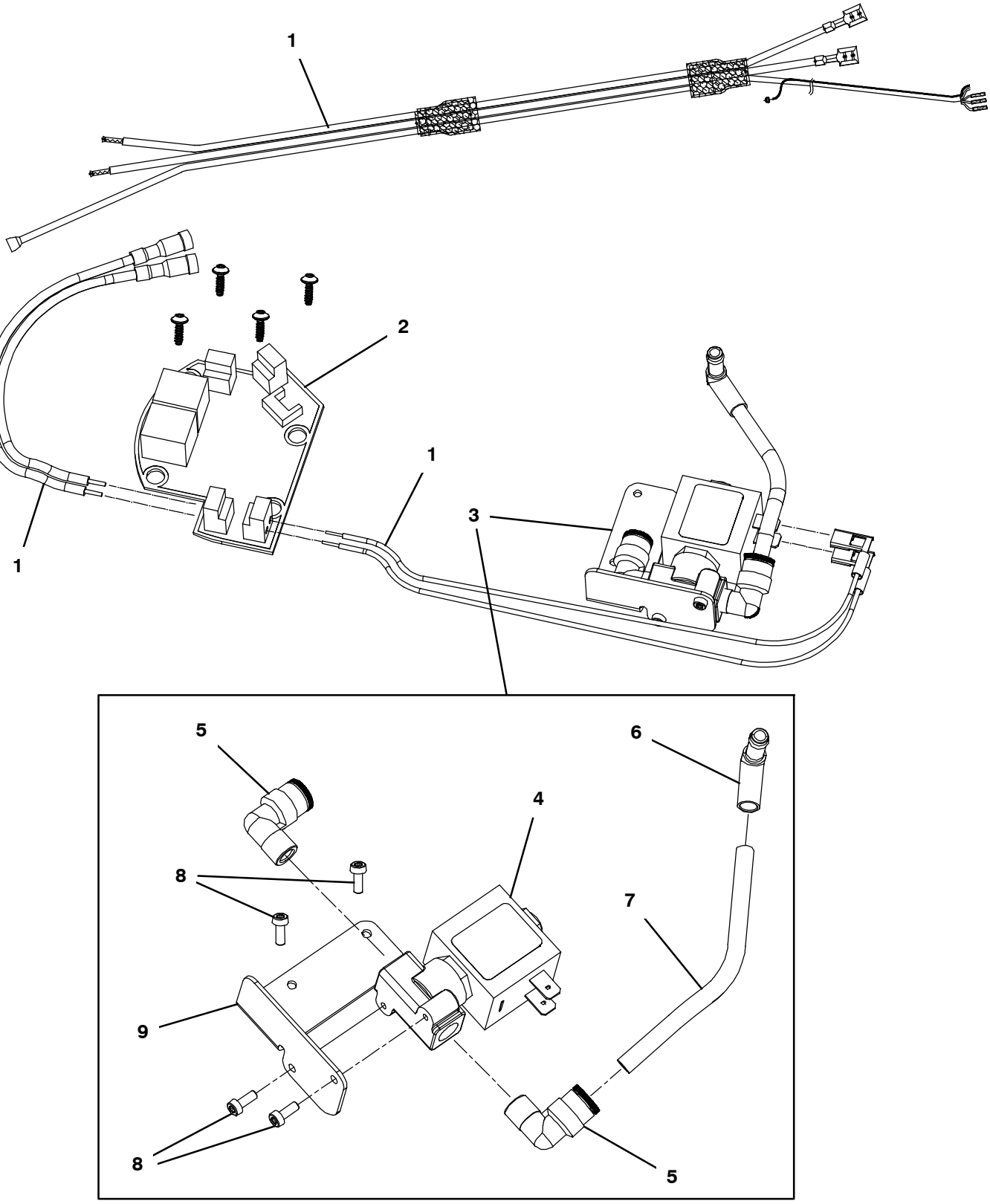
∇ ASSEMBLY

▲ INCLUDED IN ASSEMBLY

N/A = NOT AVAILABLE SEPARATELY - MUST ORDER ASSEMBLY (∇)

FLOOR UNIT PCB AND SOLENOID ASSEMBLY

358080



FLOOR UNIT PCB AND SOLENOID ASSEMBLY

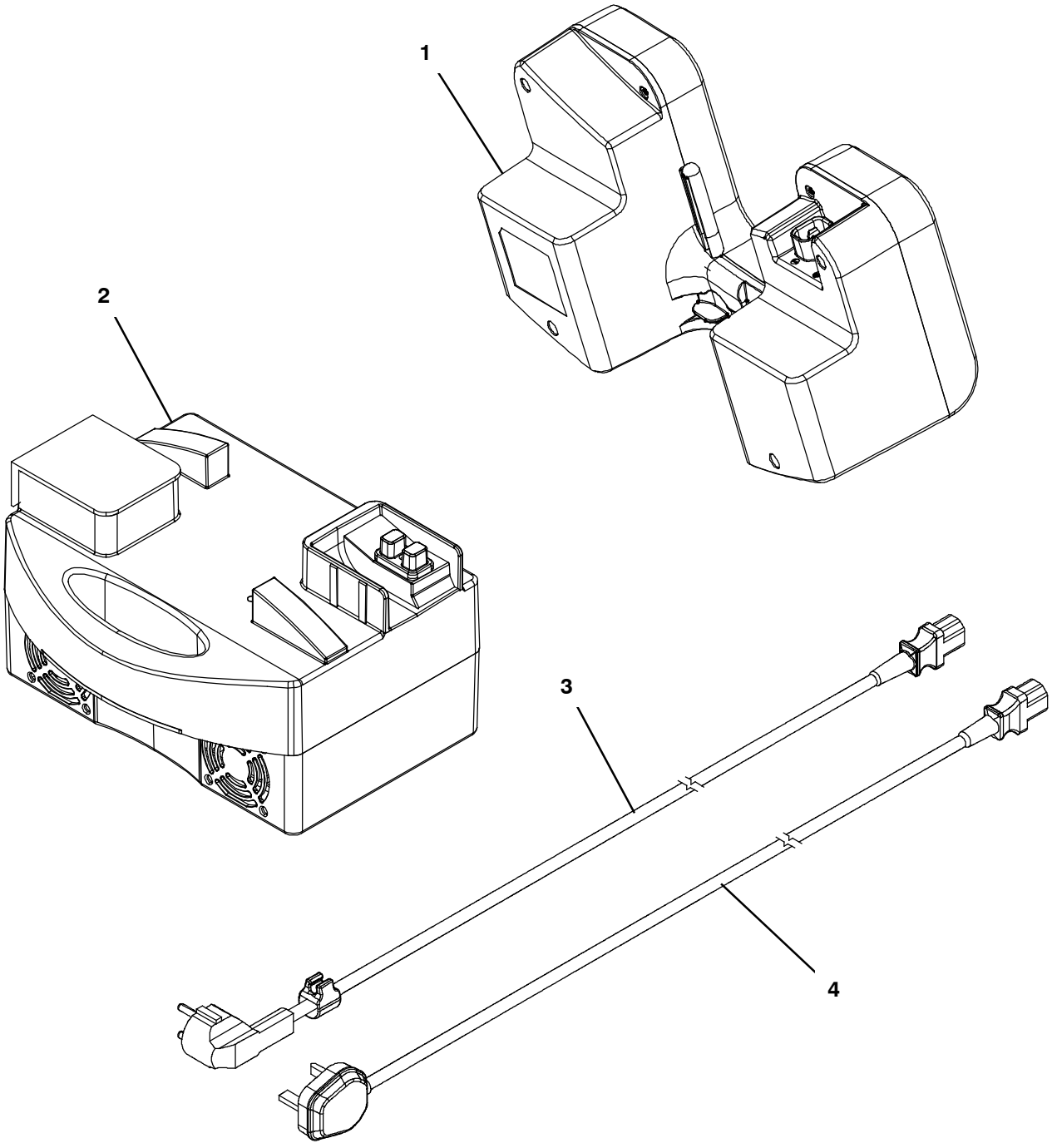
	Ref.	Part No.	Serial Number		Description	Qty.
∇		KTRI06918	(310000-	)	Circuitboard/Solenoid Assy [I- Mop Lite]	1
▲	1	MECB02482	(310000-	)	Wiring, Set [I- Mop,Lite]	1
▲∇	2	MECE01015	(310000-	)	Pcb, Floor Unit, [Lite Qty 1]	4
▲▲	3	KTRI06898	(310000-	)	Solenoid Assy [I- Mop Lite]	1
▲▲	4	MEEV00087	(310000-	)	Valve,Solenoid [I- Mop,Lite]	1
▲▲	5	N/A	(310000-	)	Fitting, Elbow	2
▲▲	6	RCVR01217	(310000-	)	Fitting,Plst,E90 [I- Mop,Lite]	1
▲▲	7	N/A	(310000-	)	Hose External	1
▲▲	8	N/A	(310000-	)	Screw Socket Head Cap Torx M5x8	4
▲▲	9	N/A	(310000-	)	Plate Fixation	1

∇ ASSEMBLY

▲ INCLUDED IN ASSEMBLY

BATTERY AND CHARGER

358081



Ref.	Part No.	Serial Number		Description	Qty.
1	BAAC00222	(310000-	)	Battery, Gray, 14ah	1
2	BACA00343	(310000-	)	Charger, 5a, No Cord [Lite]	1
3	MECB00922	(310000-	)	Cord, Power, Chrgr, 230v	1
4	MECB02036	(310000-	)	Cord, Power, Chrgr, Uk	1

ELECTRICAL DIAGRAM

