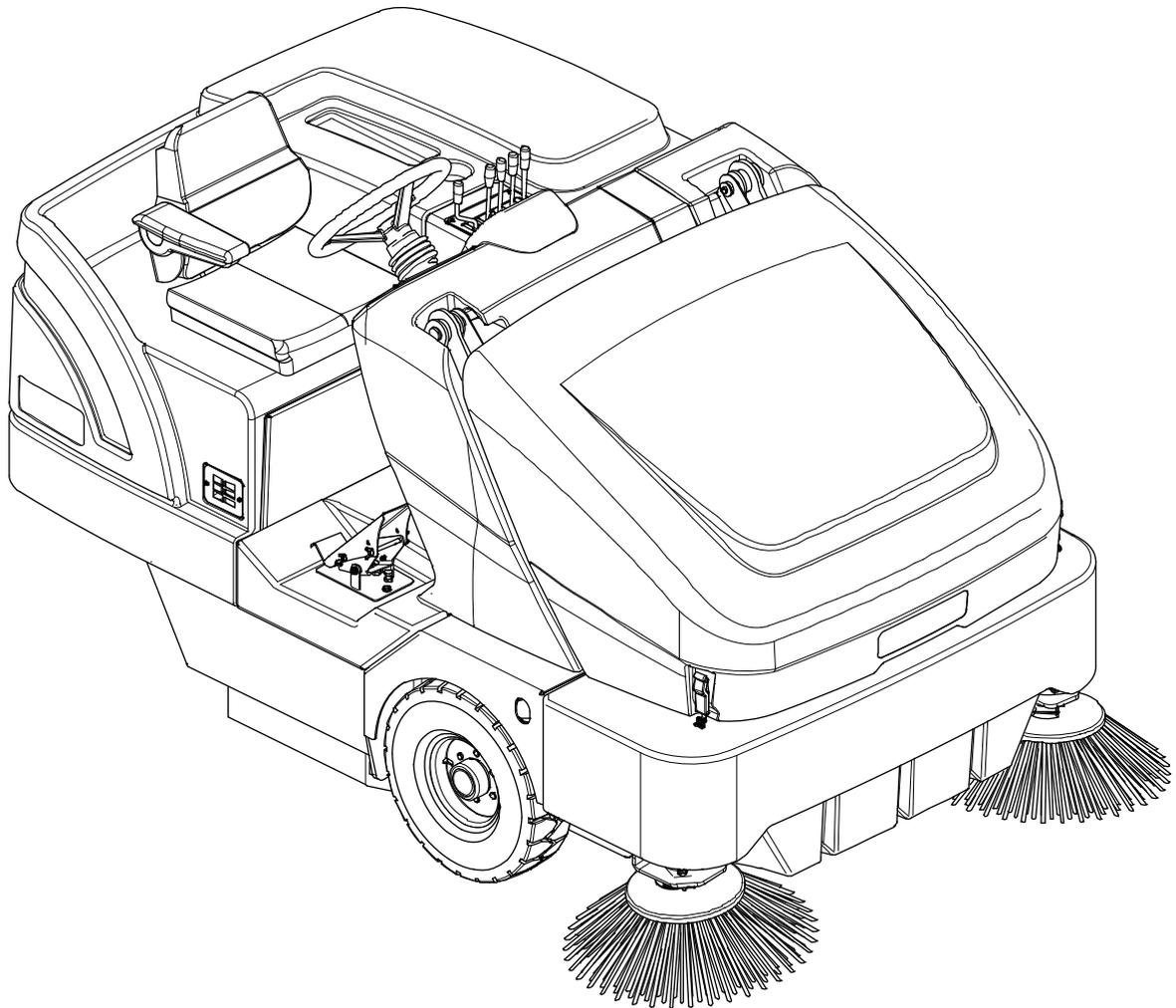
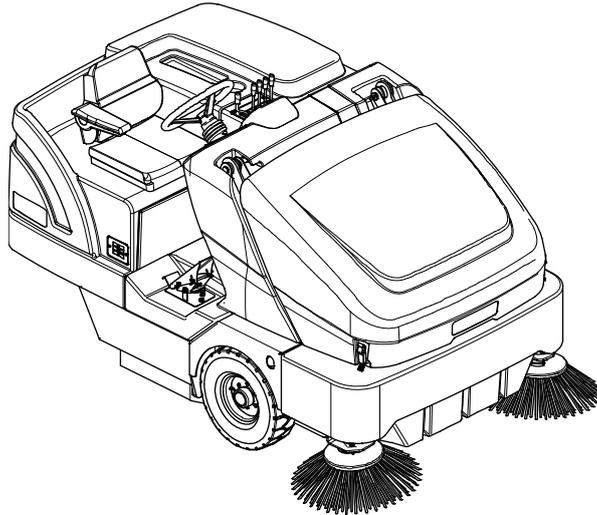


Proterra™



PARTS LIST

Advance models: 13300106 (3 cyl Diesel)
13300109 (3 cyl LPG)



DESCRIPTION

PLAN

GENERAL VIEW	2 - 3
CHASSIS ASSEMBLY	4 - 7
HOPPER SYSTEM	8 - 9
ASSY VAC FAN	10 - 11
ASSY PANEL FILTER	12 - 13
RT SIDE BROOM ASSY	14 - 15
LT SIDE BROOM ASSY	16 - 17
MAIN BROOM SYSTEM	18 - 19
ASSY HYDRAULIC PLANT	20 - 21
HYDRAULIC PLANT - DRIVE MOTOR SCHEME	22 - 23
HYDRAULIC PLANT - STEERING SCHEME	24 - 25
HYDRAULIC PLANT - FLAP AND HOPPER SCHEME	26 - 27
HYDRAULIC PLANT - SIDE BROOM SCHEME	28 - 29
ASSY CONTROL	30 - 33
ASSY SPEED LIMITING	34 - 35
ASSY CONTROL PANEL AND REALYS	36 - 37
ASSY REAR COVER	38 - 39
ASSY FUEL TANK 3 CYL DIESEL	40 - 41
ASSY SUPPORT 3 CYL LPG	42 - 43
ASSY ENGINE 3 CYL DIESEL	44 - 45
ASSY ENGINE 3 CYL LPG	46 - 47
ACCESSORIES	48 - 55
WIRING DIAGRAM DIESEL	56 - 57
WIRING DIAGRAM LPG	58 - 59
HYDRAULIC DIAGRAM	60 - 61
RECOMMENDED SPARE PARTS	62

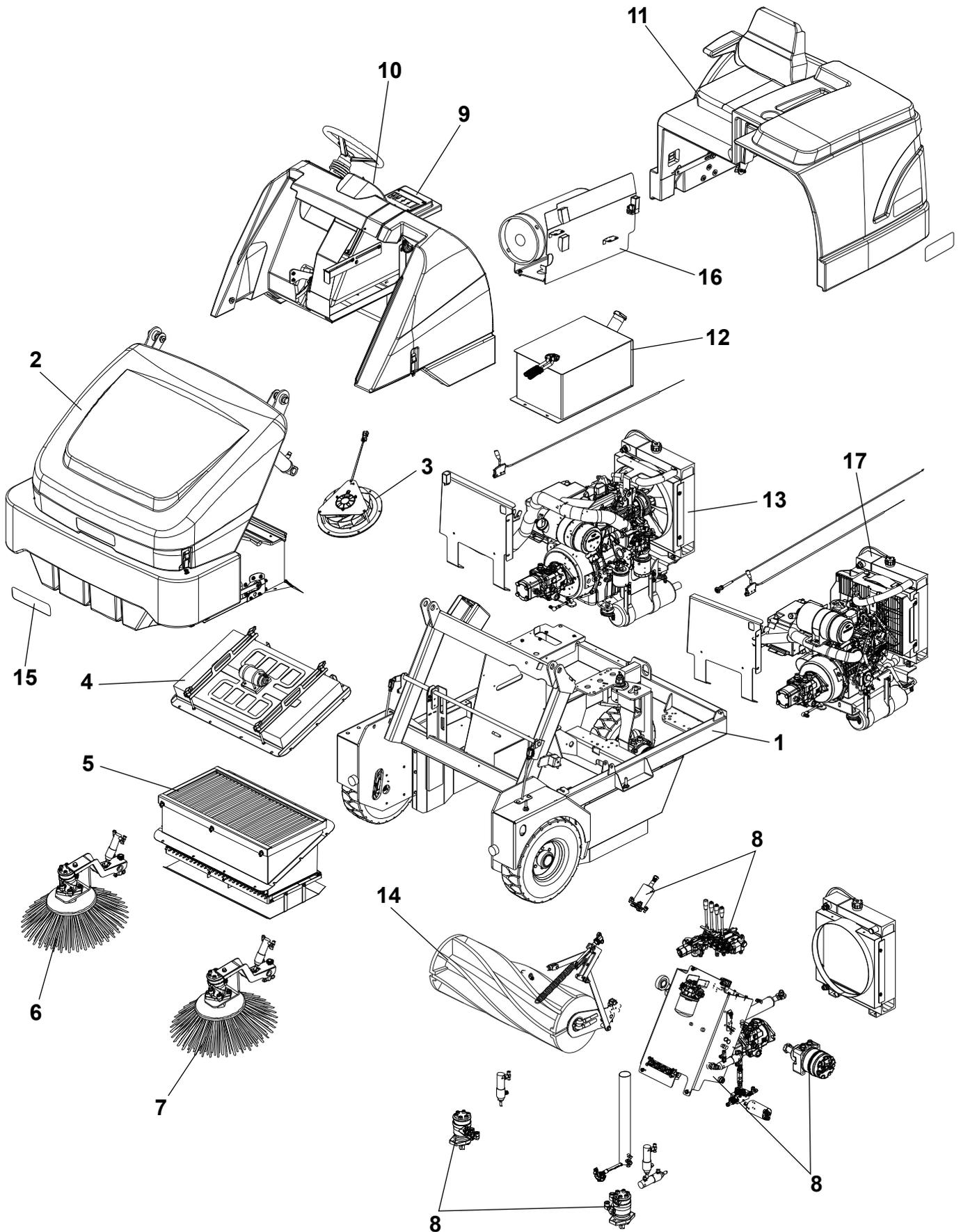
WHEN ORDERING PARTS

- * Use the 8, 9 or 10 digit numbers from the "Ref. No." columns in this parts list.
- * Specify the model and serial number of the machine.
- * Use the space below to record the model and serial number for future reference.

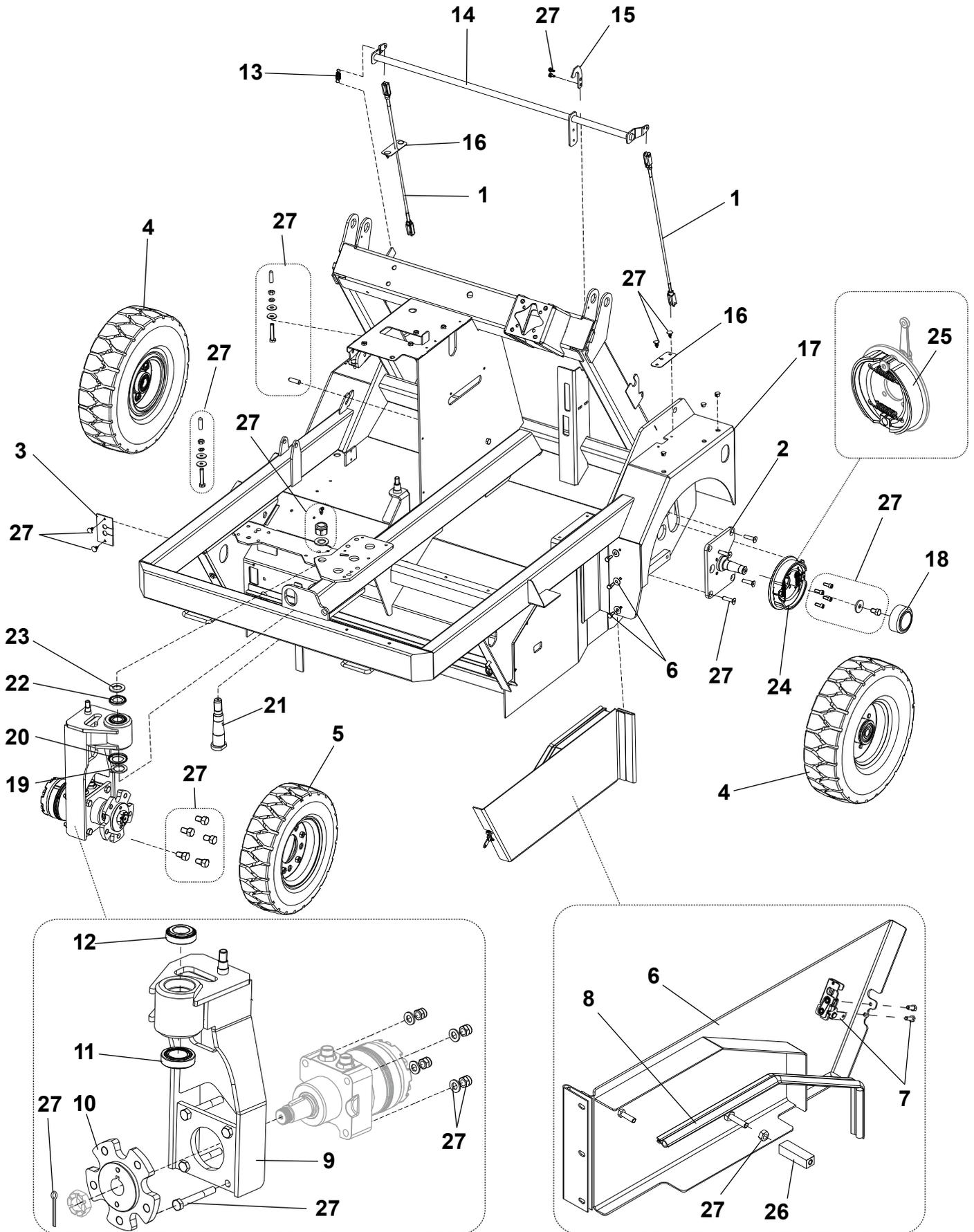
Model _____ Serial No. _____

* = *Optional*

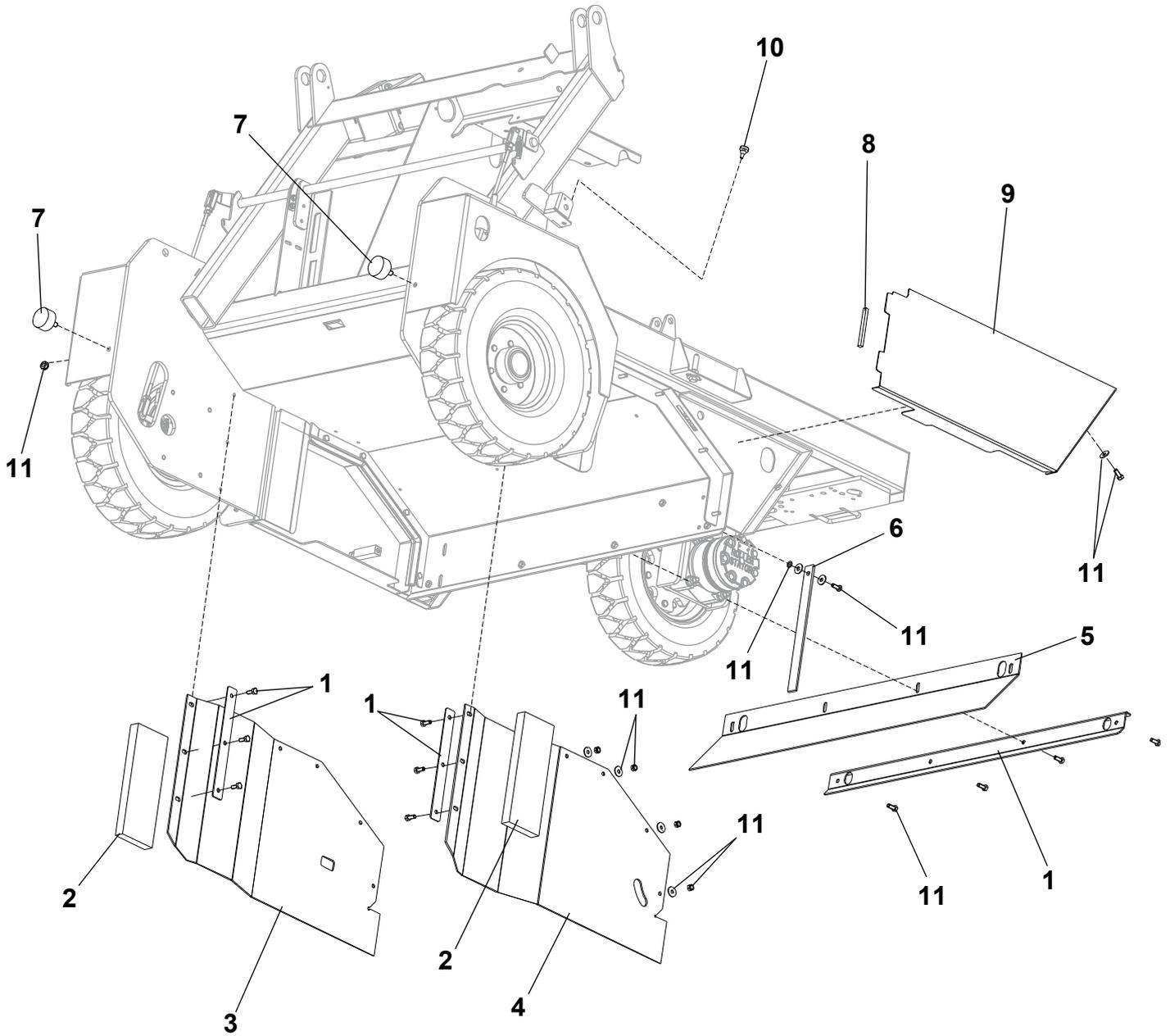
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Item	Ref. No.	Qty	Description
1		1	CHASSIS ASSEMBLY
2		1	HOPPER SYSTEM
3		1	VAC FAN ASSY
4		1	PANEL ASSY
5		1	POCKET FILTER ASSY (OPTIONAL)
6		1	RIGHT SIDE BROOM ASSY
7		1	LEFT SIDE BROOM ASSY (OPTIONAL)
8		1	HYDRAULIC PLANT ASSY
9		1	CONTROL ASSY
10		1	CONTROL PANEL AND RELAYS ASSY
11		1	REAR COVER ASSY
12		1	FUEL TANK ASSY
13		1	ENGINE 3 CYL DIESEL ASSY
14		1	MAIN BROOM SYSTEM
15	33020132	1	LABES KIT Proterra™
16		1	LPG ASSY
17		1	ENGINE 3 CYL LPG ASSY

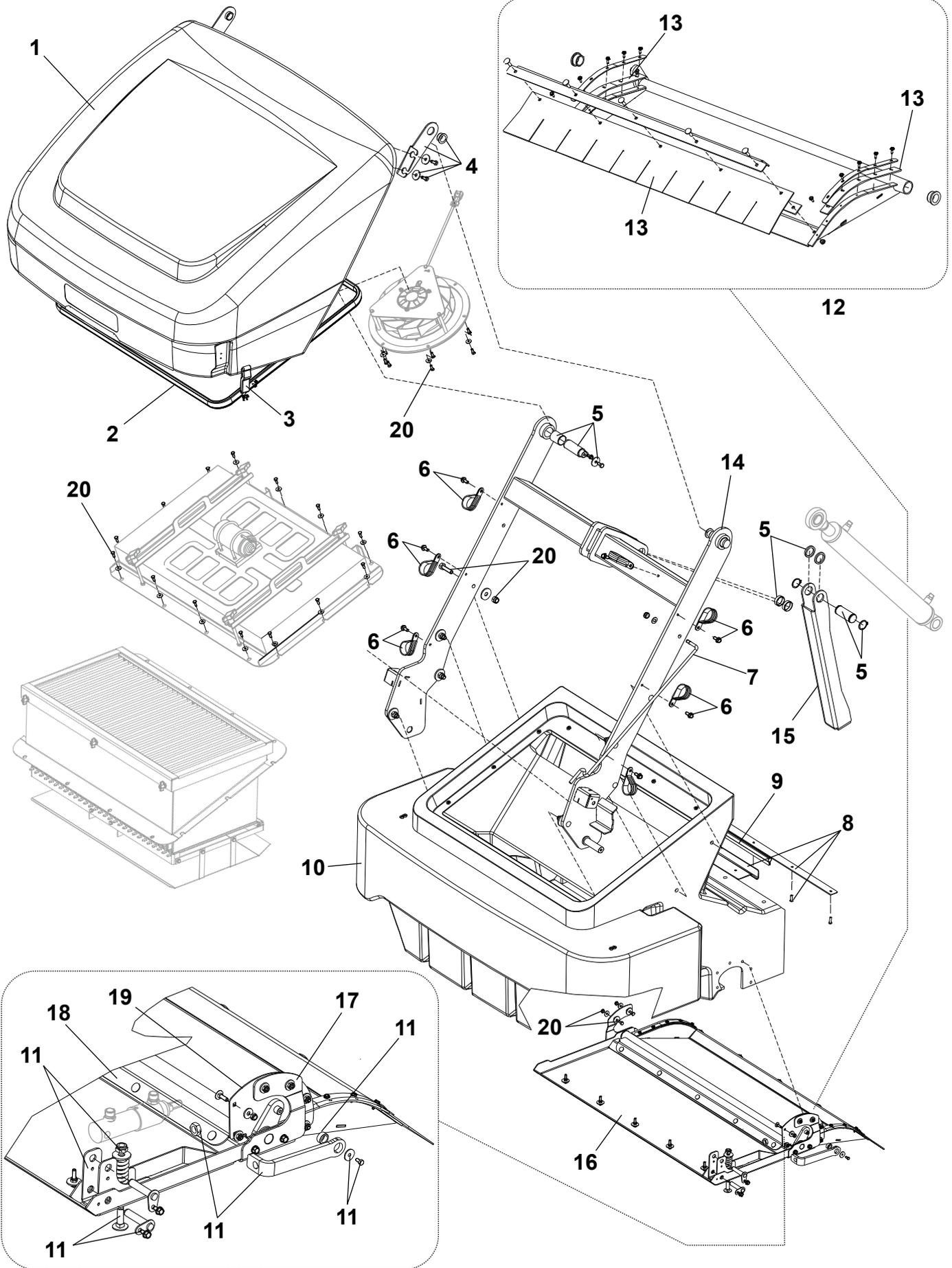


Item	Ref. No.	Qty	Description
1	33018794	1	CONNECTION BRAKE KIT
2	33018790	2	SUPPORT FRONT WHEEL KIT
3	33017168	1	FLAP BROOM CHAMBER HOSES
4	33016901	2	WHEEL ASM WITH BEARINGS
5	33009649	1	WHEEL PNEUMATIC
6	33019101	1	HATCH RIGHT KIT
7	33018796	1	CLOSING HATCH RIGHT SIDE KIT
8	33017129	1	TRIM EDGE BULB L 670MM
9	33018792	1	SUPPORT REAR WHEEL KIT
10	33017103	1	HUB REAR WHEEL
11	33003175	1	BEARING 32007
12	145 4691 000	1	BEARING
13	33017199	1	SPRING
14	33017113	1	BAR JOINT BRAKE
15	33017114	1	PLATE BAR JOINT BRAKE
16	33017266	2	FLAP WHEEL WELL TOP
17	33017055	1	FRAME
18	33016904	2	CAP
19	33016911	1	WASHER LOWER
20	33003125	1	RING NILOS AV
21	33016912	1	PIN DRIVE YOKE PIVOT
22	33016909	1	RING NILOS AV
23	33016910	1	WASHER UPPER
24	33020204	2	DRUM BRAKE
25	33020206	2	BRAKE LINING AND SPRING
26	33017128	1	STOP BROOM ARM
27	33020332	1	CHASSIS HARDWARE KIT

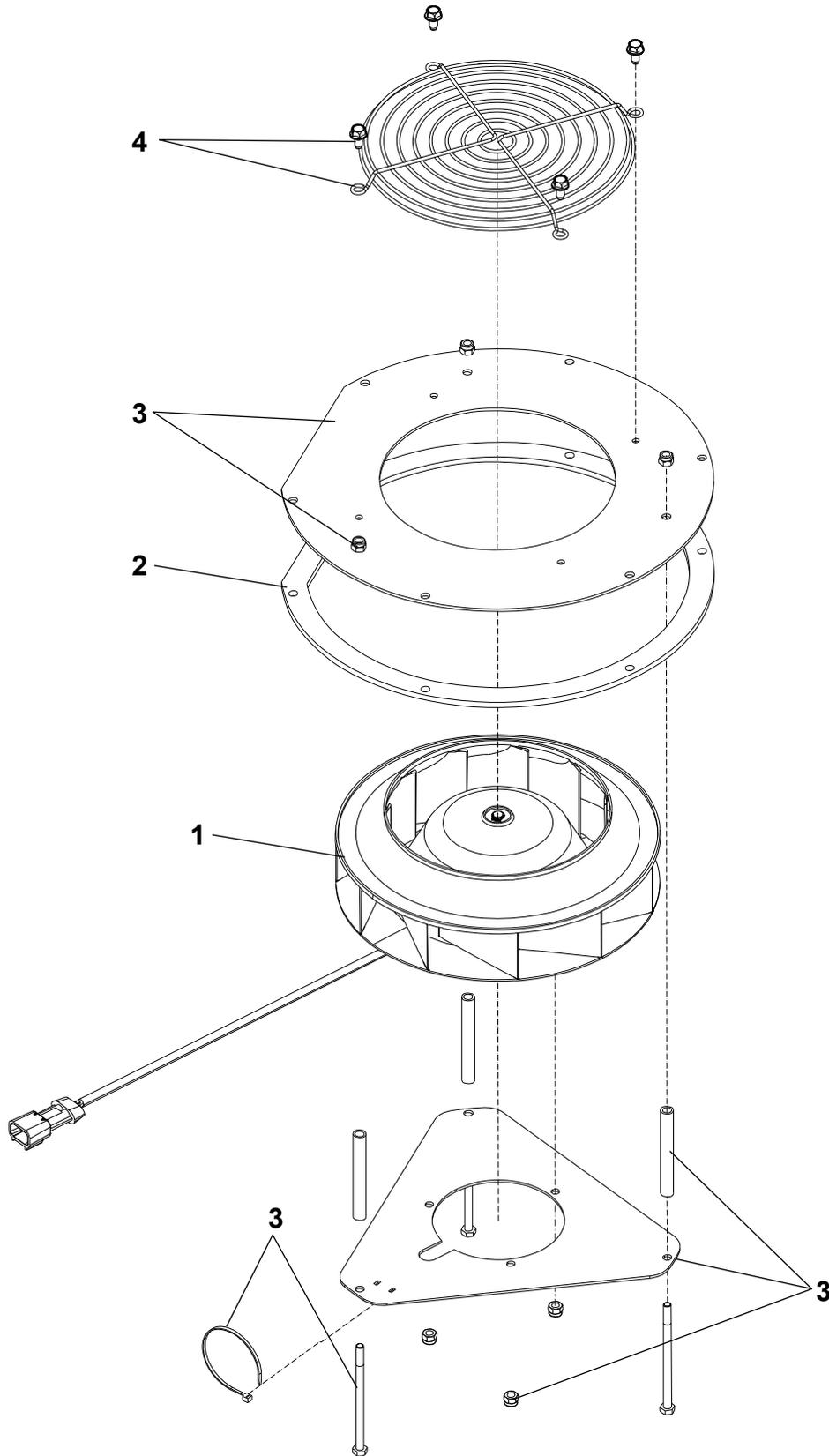


2009-06**CHASSIS ASSEMBLY****Proterra™****7**

Item	Ref. No.	Qty	Description
1	33018791	1	FIXING GASKETS KIT
2	33017173	2	FOAM HOPPER SIDE
3	33017172	1	FLAP SIDE
4	33017171	1	FLAP SIDE
5	33017174	1	FLAP REAR BROOM
6	33017262	1	STATIC STRAP
7	33003129	2	VIBRATION -DAMPING
8	146 1966 000	1	GASKET L 100
9	33017057	1	DOOR LEFT WELDT
10	33009812	1	PLUG
11	33020333	1	FLAP HARDWARE KIT

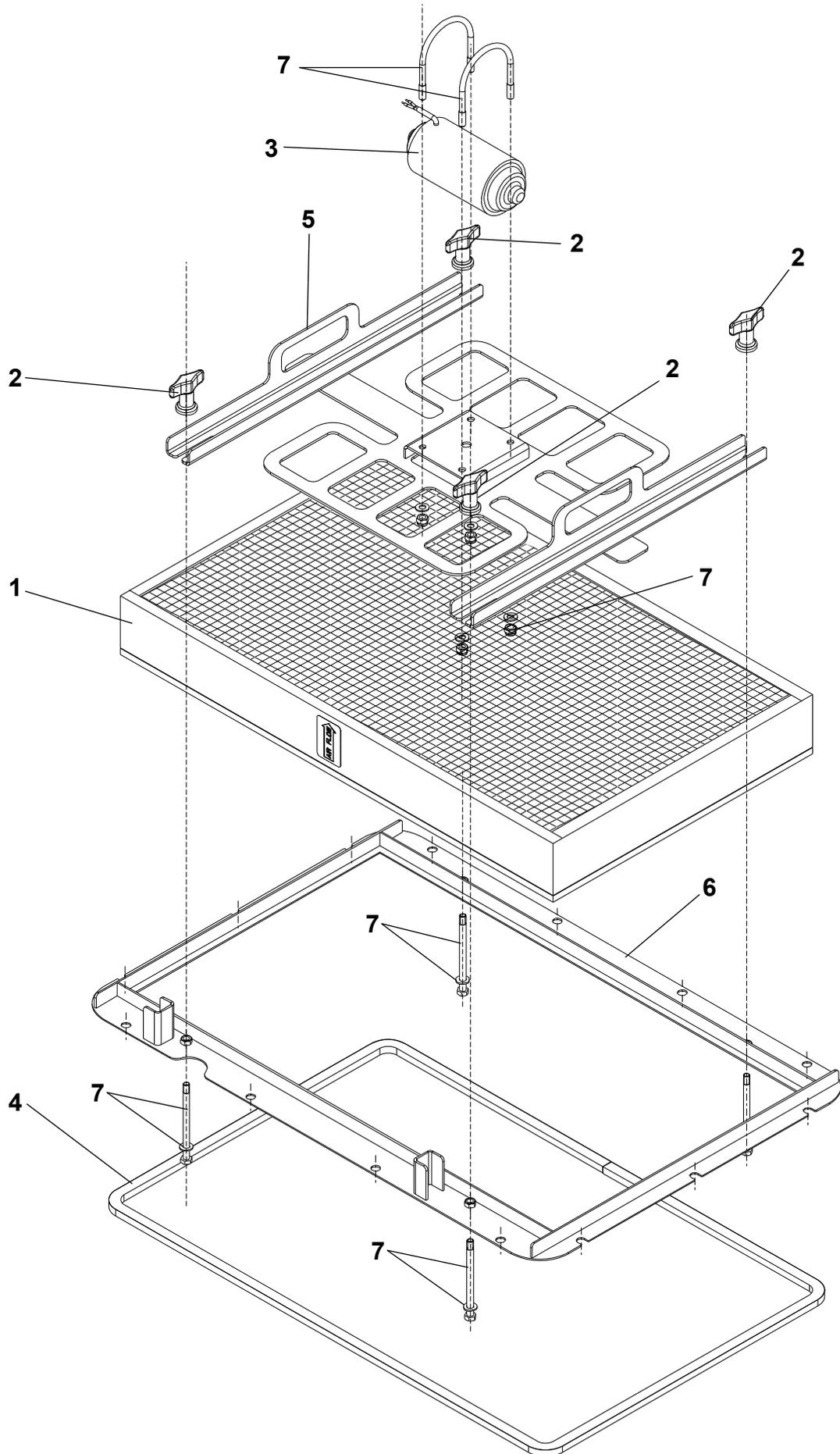


Item	Ref. No.	Qty	Description
1	33017061	1	COVER HOPPER MOLDED
2	33017126	1	SEAL HOPPER COVER L 2930
3	33018803	1	LATCH KIT
4	33019115	1	HINGES BONNET KIT
5	33018798	1	HARDWARE LIFTING CONTAINER
6	33019116	1	CLAMPS HOSES FIXING KIT
7	33018801	1	FIXING ROD CONTAINER
8	33018799	1	PLATE CONTAINER KIT
9	33017257	1	TRIM EDGE BULB L 900MM
10	33017058	1	HOPPER
11	33018800	1	MECHANISM LIFTING KIT
12	33019118	1	SKIRT HATCH CONTAINER KIT
13	33019117	1	GASKETS HATCH KIT
14	33017059	1	ARM HOPPER
15	33017108	1	BAR SECURITY
16	33017138	1	PLATE HOPPER BUTTOM
17	33017139	2	PIN HOPPER DOOR
18	33017229	1	PLATE HOPPER FLAP
19	33017288	1	PLATE W/BOLTS
20	33020334	1	HOPPER HARDWARE KIT
[21]	33017366	1	HARNES HOPPER

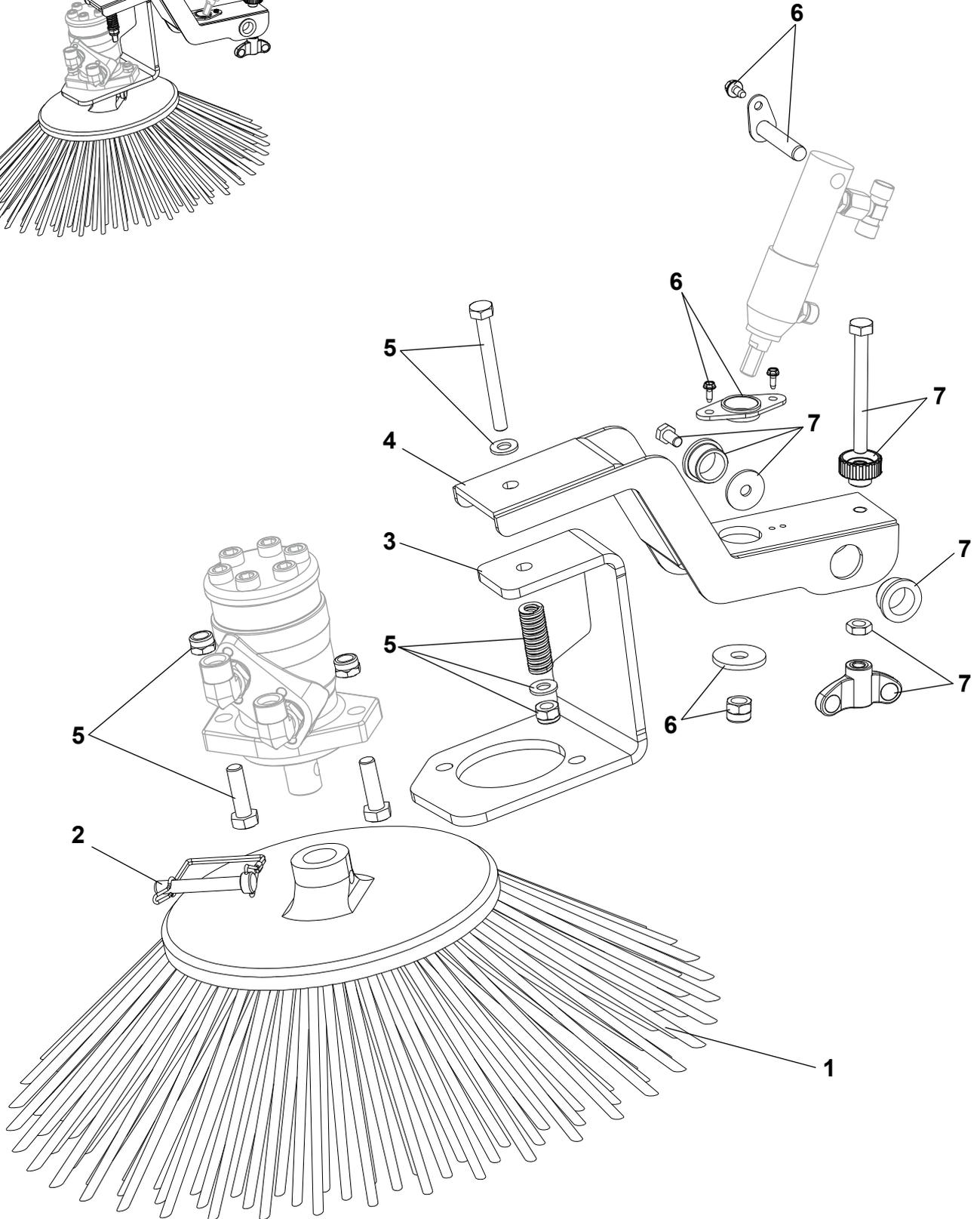


2009-06	ASSY VAC FAN			
Proterra™				11

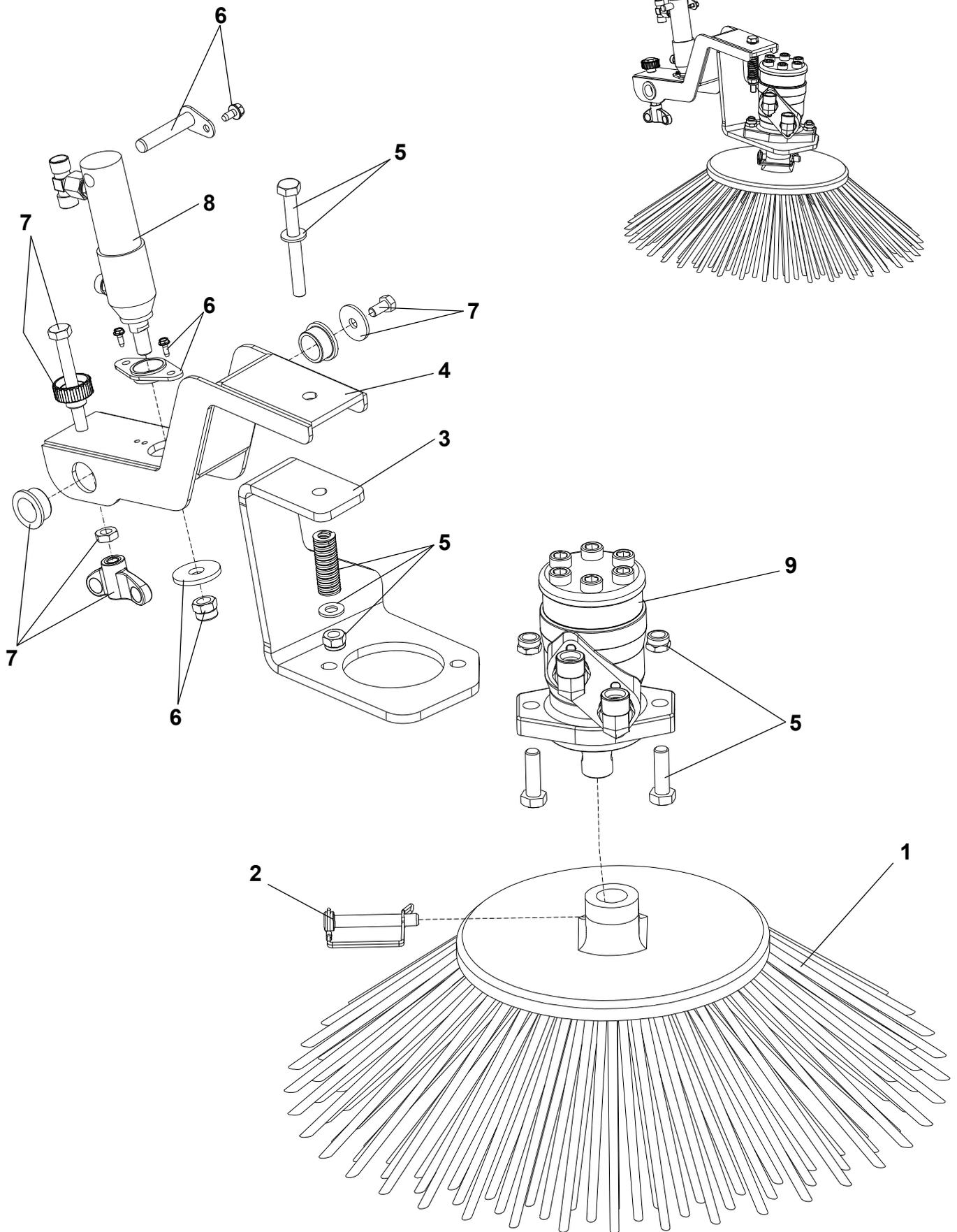
Item	Ref. No.	Qty	Description
1	33015222	1	ENGINE ELECTRIC 12VOLT
2	33016950	1	GASKET
3	33018804	1	FIXING ELECTROFAN KIT
4	33018805	1	GRILL ELECTROFAN KIT



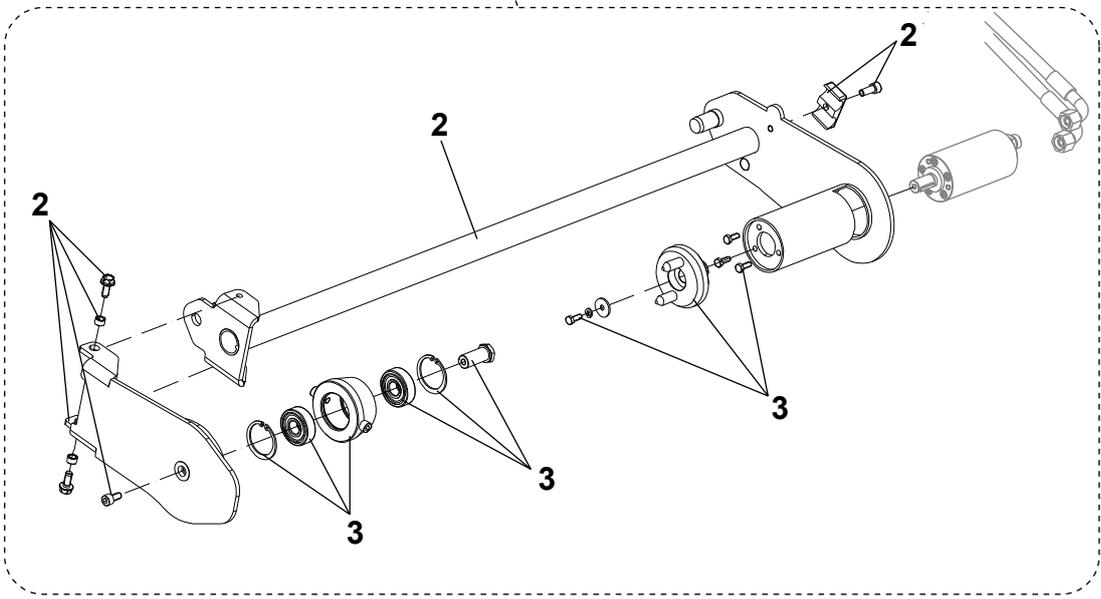
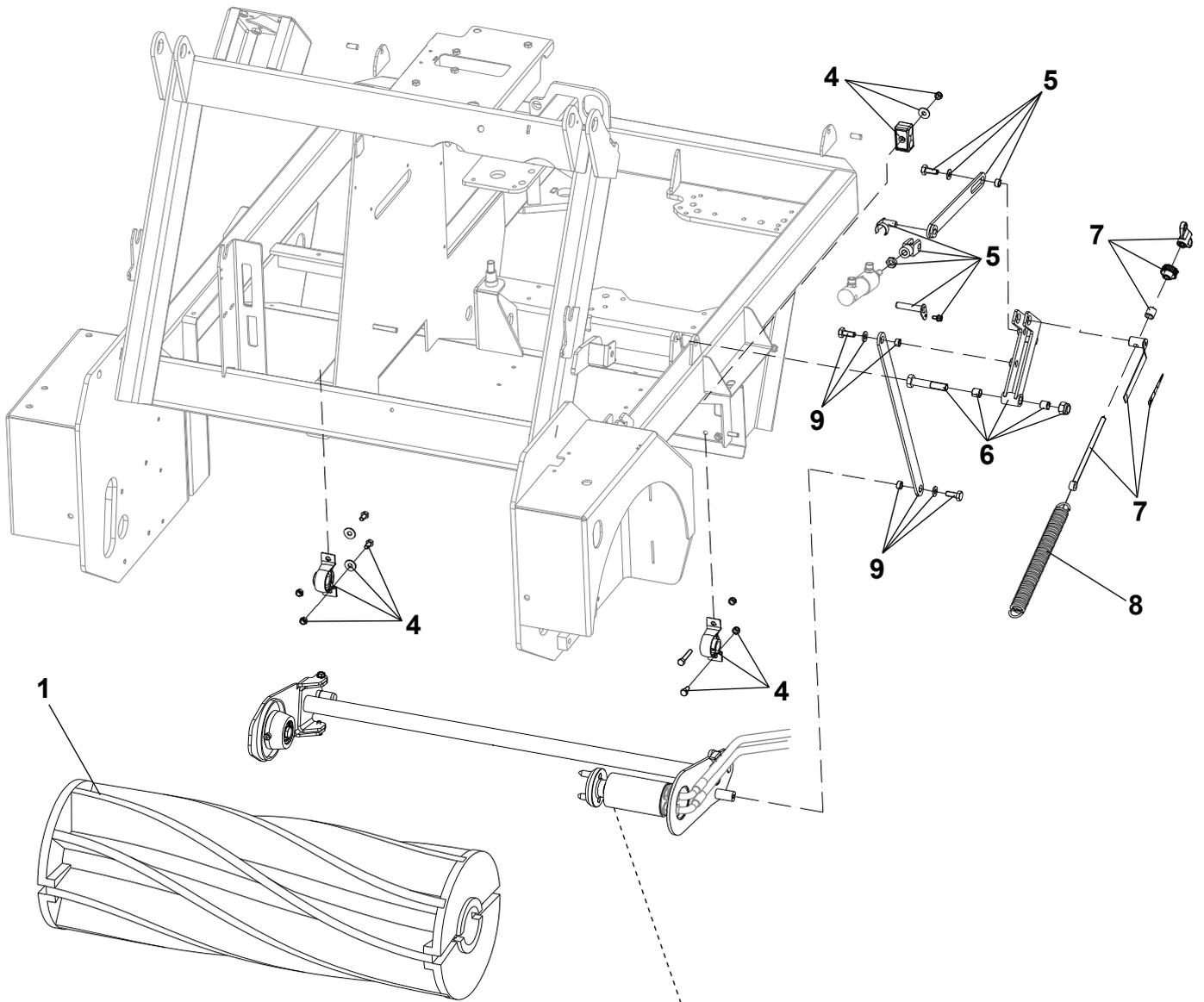
Item	Ref. No.	Qty	Description
1	8-24-04139-1	1	PANEL FILTER
1*	8-24-04139-2	1	PANEL FILTER WATER RESISTENT
2	L08603675	4	NUT THUMB, FIXING
3	146 1104 000	1	MOTOR FILTER SHAKER 90W
4	33018634	1	GASKET ASSY FILTER L 2560
5	33017118	1	PLATE LOCK SHAKER
6	33017119	1	FRAME PANEL FILTER
7	33020335	1	PANEL FILTER HARDWARE KIT



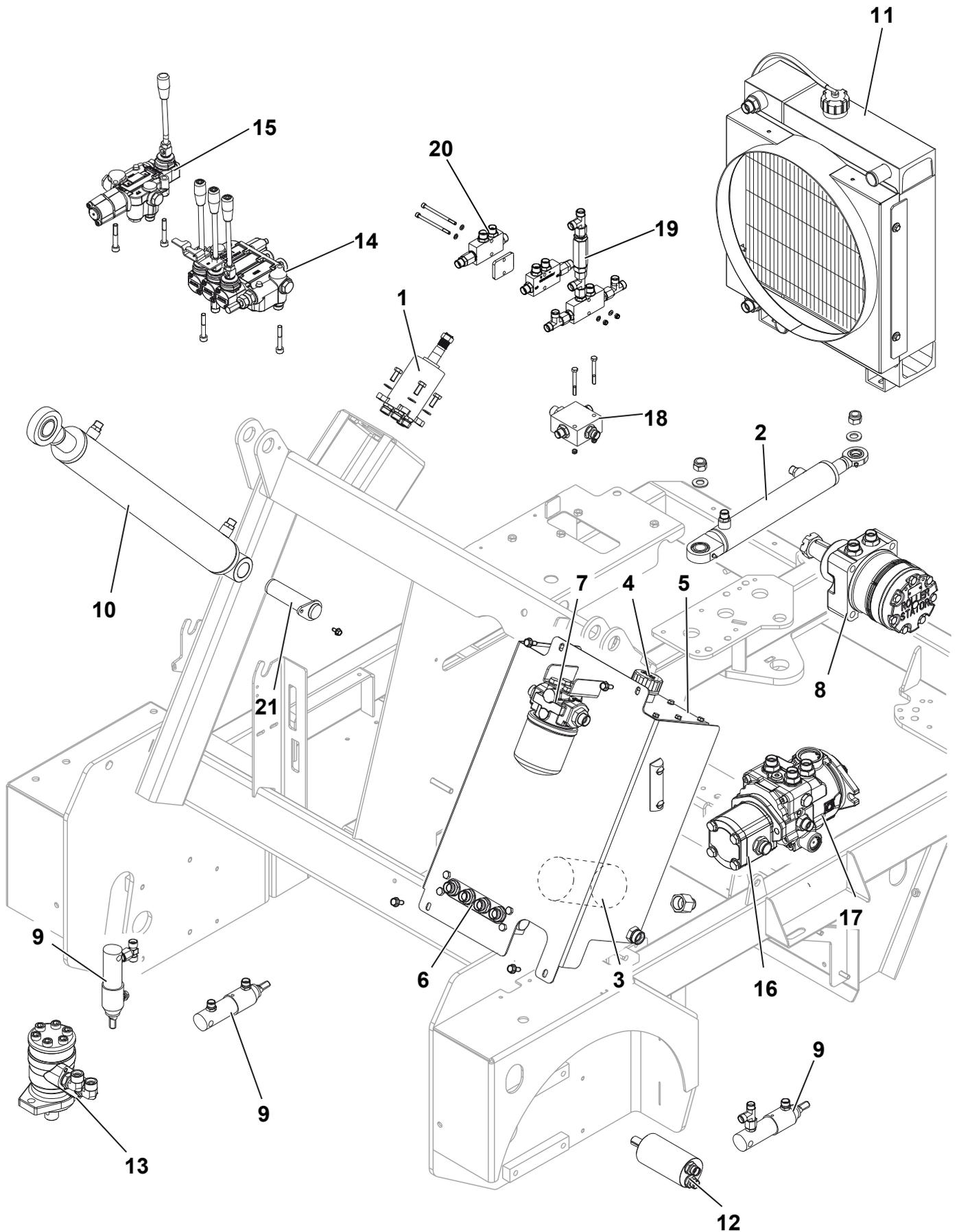
Item	Ref. No.	Qty	Description
1	33017255	1	BROOM SIDE PPL 1,4-1,7
1*	33018889	1	BROOM SIDE PPL 1,5/STEEL
1*	33018890	1	BROOM SIDE NYLON 0,5
2	33017290	1	PIN CLEVIS W/LOOP 8MM
3	33017107	1	SUPPORT RIGHT SIDE MOTOR
4	33017115	1	ARM RIGHT SIDE BRUSH
5	33020336	1	SUPPORT HARDWARE KIT
6	33020337	1	SIDE BROOM CYLINDER HARDWARE KIT
7	33020338	1	SETTING SIDE BROOM HARDWARE KIT



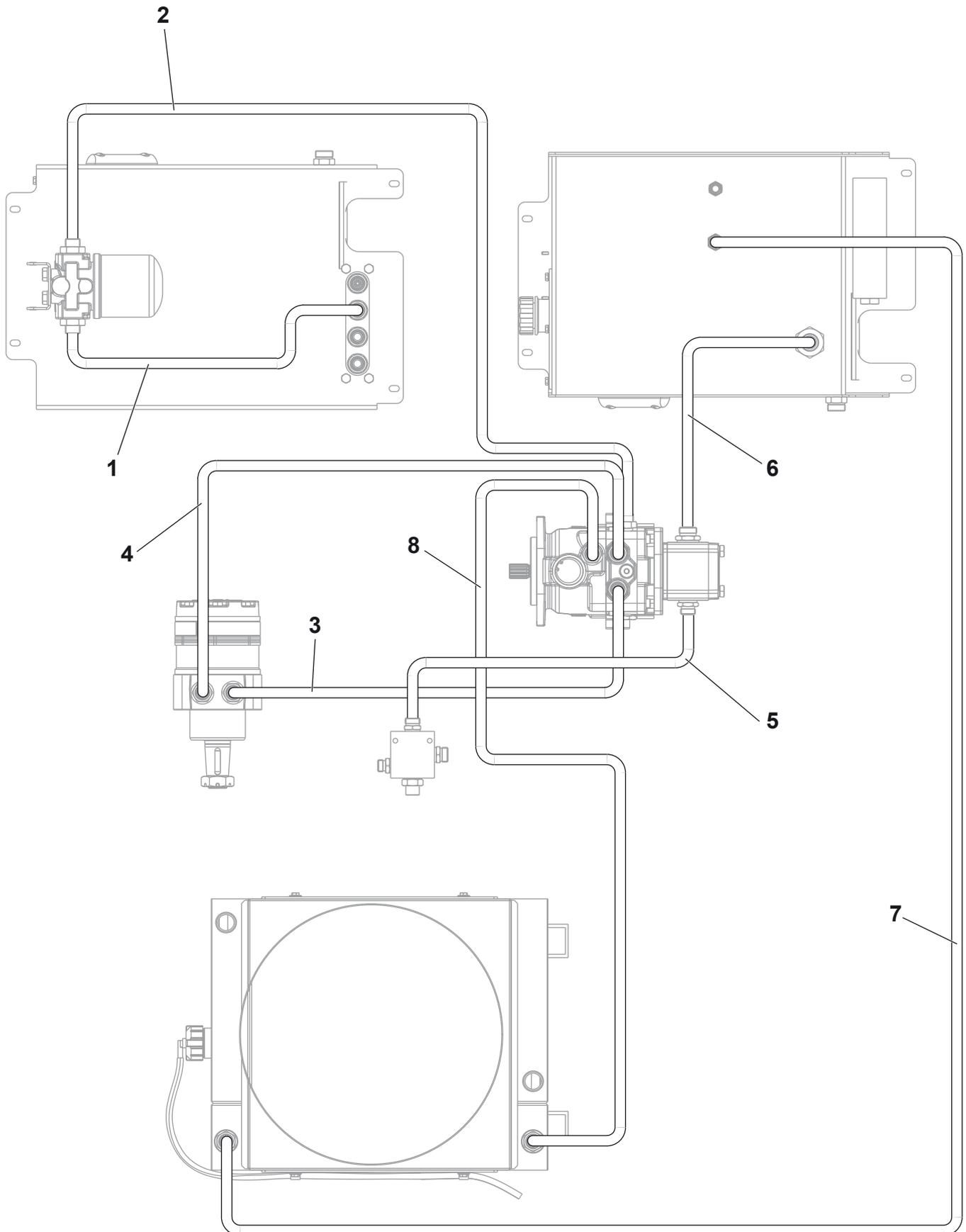
Item	Ref. No.	Qty	Description
1	33017255	1	BROOM SIDE PPL 1,4-1,7
1*	33018889	1	BROOM SIDE PPL 1,5/STEEL
1*	33018890	1	BROOM SIDE NYLON 0,5
2	33017290	1	PIN CLEVIS W/LOOP 8MM
3	33017117	1	SUPPORT LEFT SIDE MOTOR
4	33017115	1	ARM LEFT SIDE BRUSH
5	33020336	1	SUPPORT HARDWARE KIT
6	33020337	1	SIDE BROOM CYLINDER HARDWARE KIT
7	33020338	1	SETTING SIDE BROOM HARDWARE KIT
8	33018802	1	MICRO CYLINDER KIT
9	33018807	1	MOTOR SIDE BROOM KIT
[7]*	33019173	1	LEFT SIDE BROOM KIT
[8]	33018767	1	INSTRUCTIONS ASSEMBLY



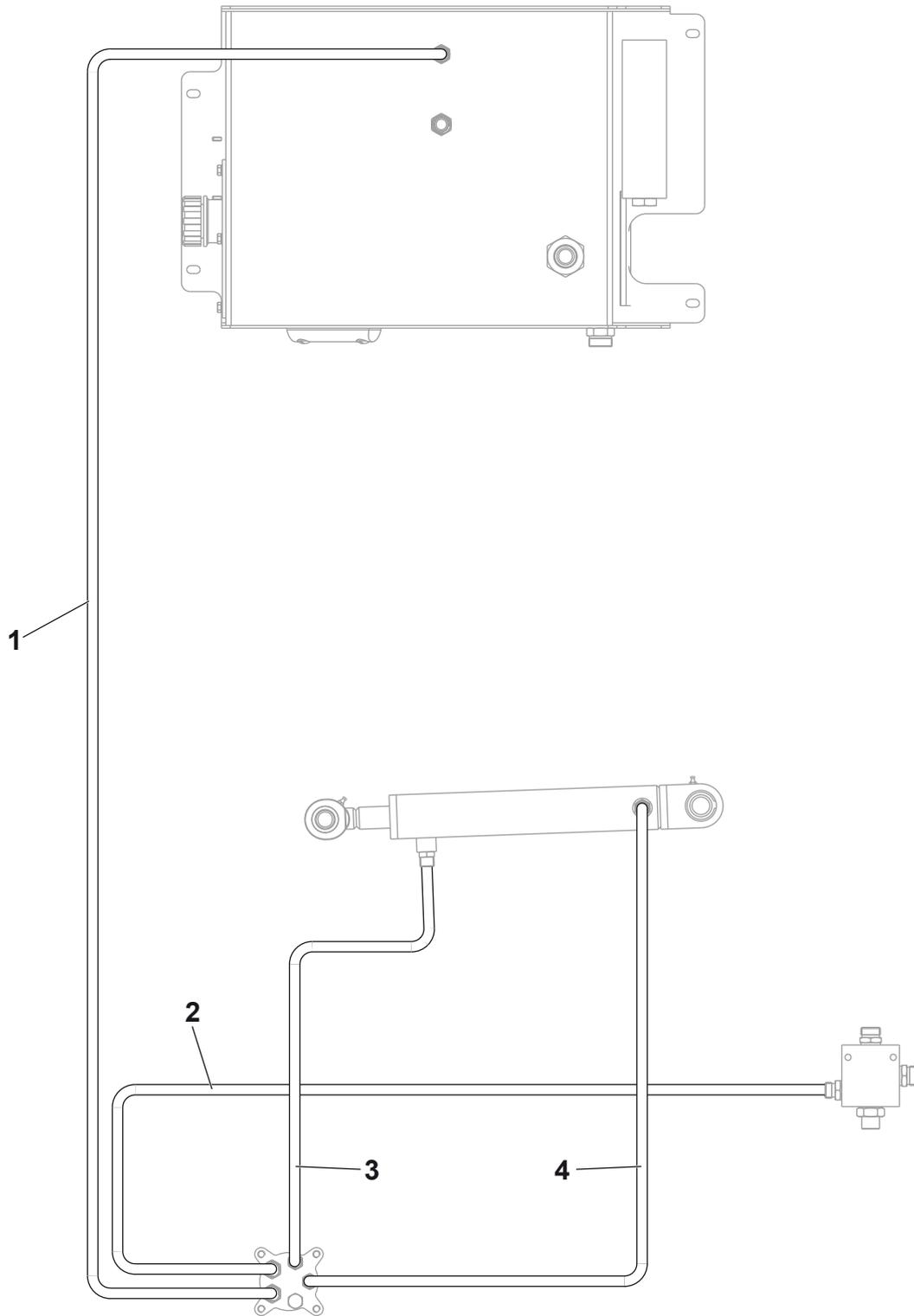
Item	Ref. No.	Qty	Description
1	33018858	1	BROOM MAIN SPIRAL PPL 0.5 WHITE NAVY/STEEL 0.36
1*	33018856	1	BROOM MAIN SPIRAL NYLON 1.2
1*	33018857	1	BROOM MAIN SPIRAL PPL 0.5 WHITE NAVY
1*	33018859	1	BROOM MAIN SPIRAL UNION MIX
2	33018871	1	SUPPORT MOTOR KIT
3	33018870	1	BALL BEARING KIT
4	33018866	1	SUPPORT BEARING KIT
5	33018865	1	PLATE MAIN BROOM KIT
6	33018868	1	LEVER WELDT KIT
7	33018867	1	ROD SPRING KIT
8	33002106	1	SPRING
9	33018869	1	ROD LEVER KIT



Item	Ref. No.	Qty	Description
1	33017051	1	STEERING UNIT
2	33018808	1	CYLINDER POWER STEERING KIT
3	33010199	1	OIL FILTER HYDRAULIC
4	33011530	1	PLUG
5	33001307	1	GASKET
6	33018809	1	TANK OIL KIT
7	33018810	1	FILTER PRESSURE KIT
8	33018793	1	MOTOR DRIVE KIT
9	33018802	3	MICRO CYLINDER KIT
10	33018811	1	CYLINDER LIFTING CONTAINE
11	33018873	1	RADIATOR KIT
12	33018872	1	MOTOR MAIN BROOM KIT
13	33018807	1	MOTOR SIDE BROOM KIT
14	33018812	1	DISTRIBUTOR 3 ELEMENTS KIT
15	33018815	1	DISTRIBUTOR 1 ELEMENT KIT
16	33018874	1	PUMP GEAR KIT
17	33019104	1	PUMP DRIVE KIT
18	33018816	1	VALVE PRIORITY KIT
19	33018817	1	CUTOFF VALVE DOUBLE KIT
20	33018840	2	CUTOFF VALVE KIT
21	33017110	1	PIN HYDRAULIC CYLINDER
[22]	33020339	1	HYDRAULIC HARDWARE KIT



Item	Ref. No.	Qty	Description
1	33017649	1	HOSE HYDRAULIC 1/2 L= 450
2	33017636	1	HOSE HYDRAULIC 1/2 L=1040
3	33017641	1	HOSE HYDRAULIC 1/2 L=1470
4	33017630	1	HOSE HYDRAULIC 1/2 L=1470
5	33020134	1	HOSE HYDRAULIC 1/2 L 500
6	33017651	1	HOSE HYDRAULIC 3/4 L= 900
7	33017618	1	HOSE HYDRAULIC 1/2 L=1100
8	33017619	1	HOSE HYDRAULIC 1/2 L 1200
9	33017641	1	HOSE HYDRAULIC 1/2 L=1470



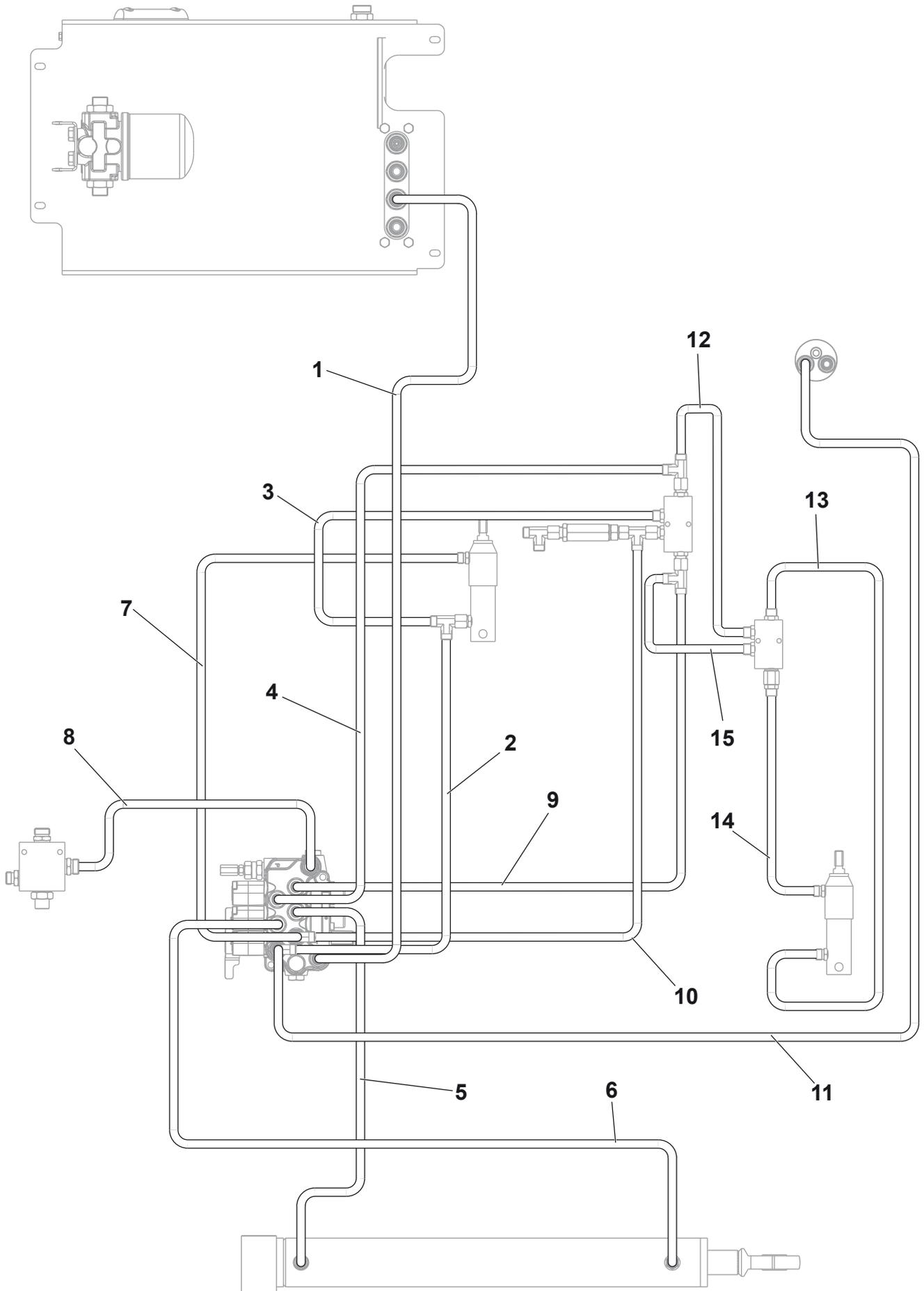
2009-06

HYDRAULIC PLANT - STEERING SCHEME

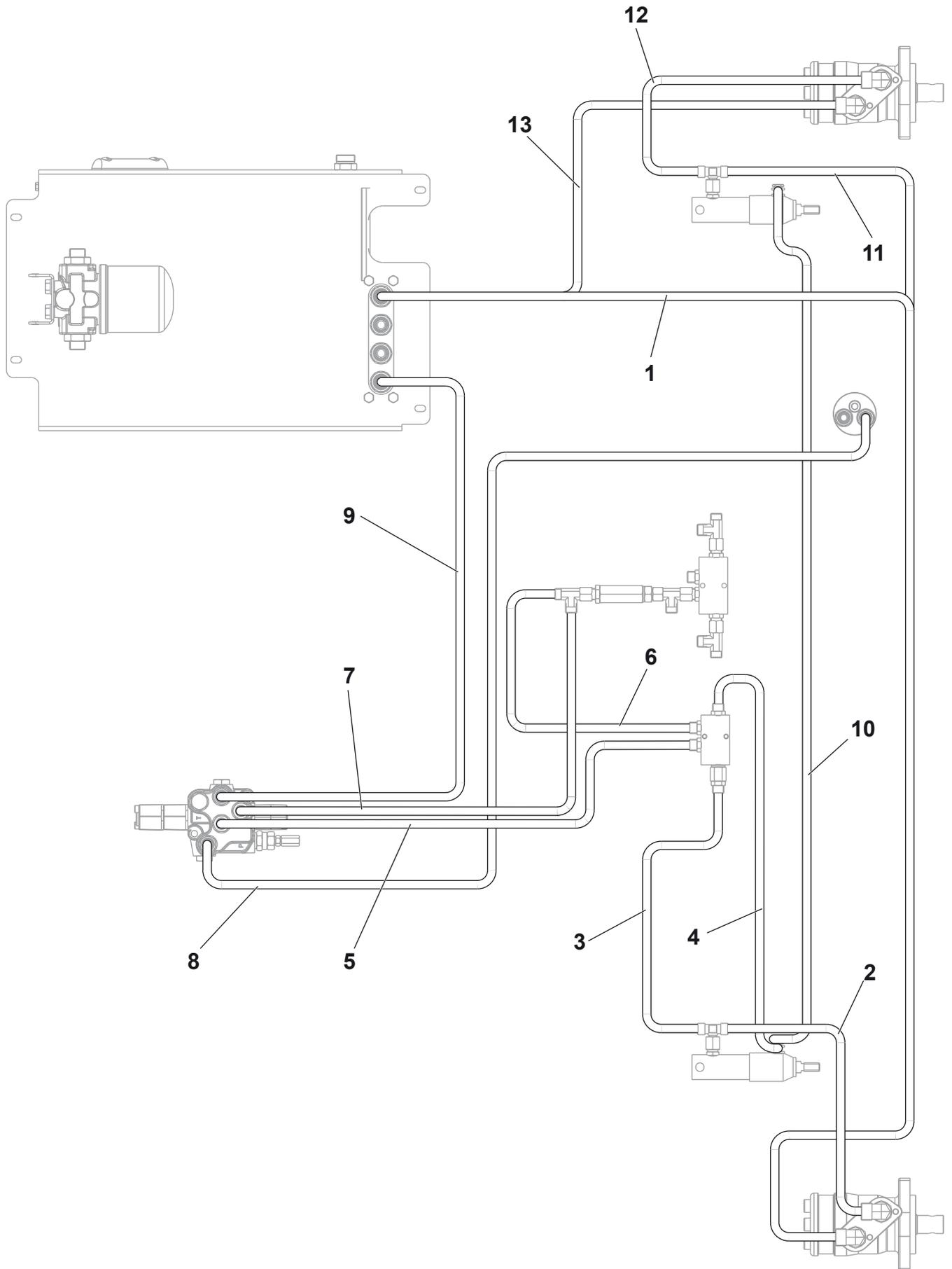
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25

Item	Ref. No.	Qty	Description
1	33020136	1	HOSE HYDRAULIC 3/8 L 1000
2	33020137	1	HOSE HYDRAULIC 3/8 L 1380
3	33017622	1	HOSE HYDRAULIC 1/4 L=1320
4	33017625	1	HOSE HYDRAULIC 1/4 L=1000



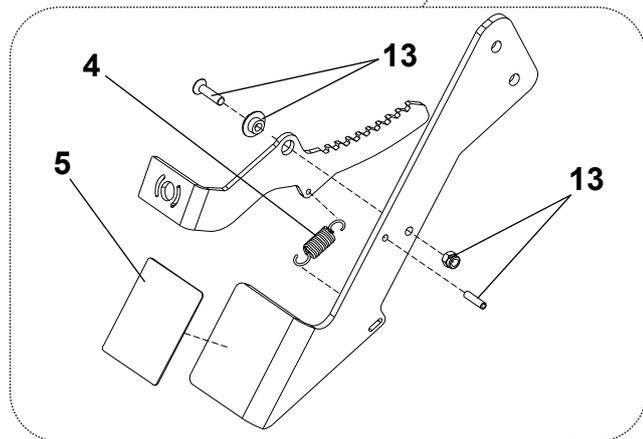
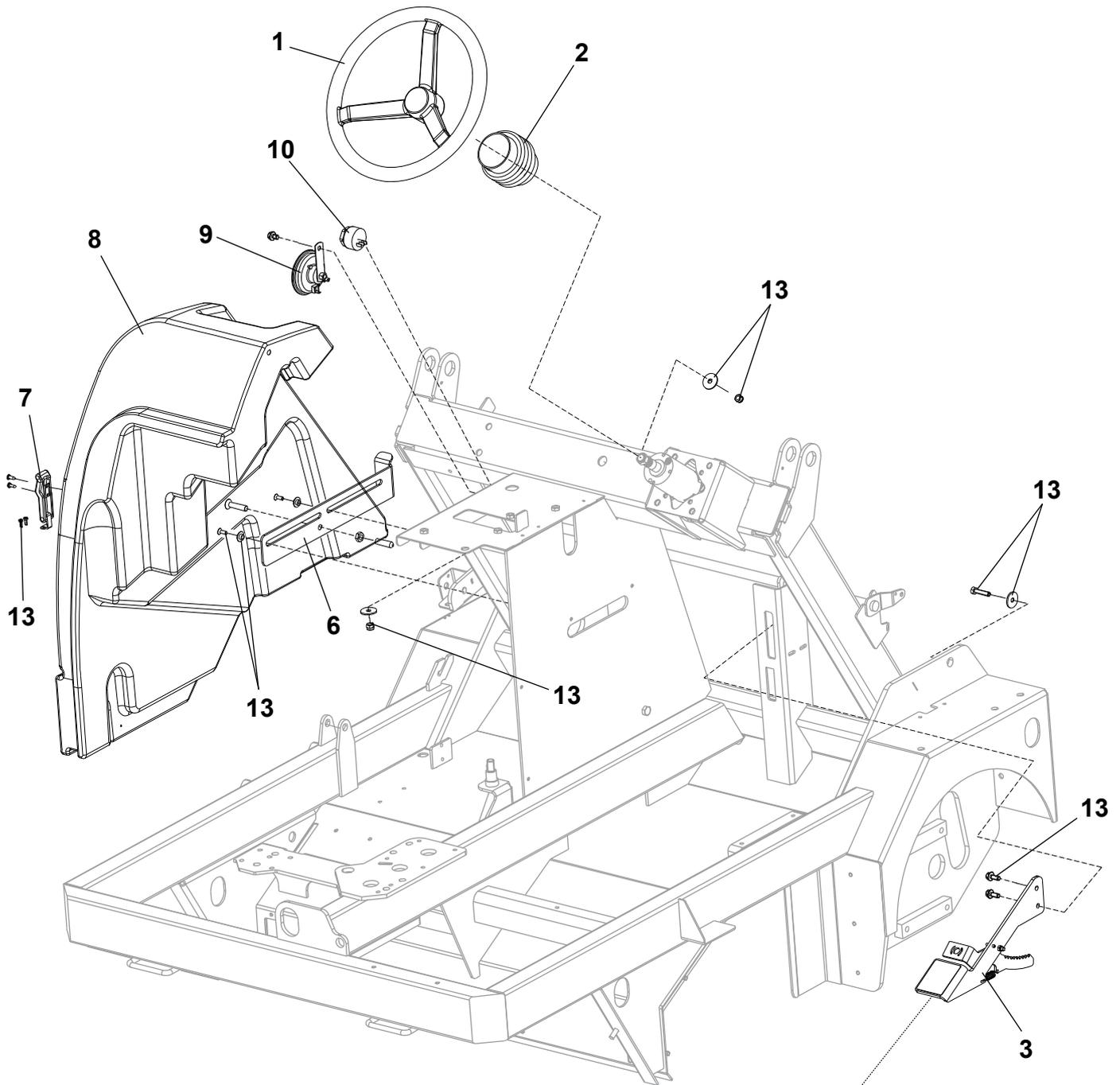
Item	Ref. No.	Qty	Description
1	33017650	1	HOSE HYDRAULIC 1/2 L=1050
2	33017635	1	HOSE HYDRAULIC 1/4 L=1580
3	33017634	1	HOSE HYDRAULIC 1/4 L= 500
4	33017628	1	HOSE HYDRAULIC 1/4 L=1560
5	33017652	1	HOSE HYDRAULIC 1/4 L= 650
6	33017627	1	HOSE HYDRAULIC 1/4 L= 460
7	33017632	1	HOSE HYDRAULIC 1/4 L=1650
8	33020135	1	HOSE HYDRAULIC 1/2 L 950
9	33017653	1	HOSE HYDRAULIC 1/4 L=1340
10	33017633	1	HOSE HYDRAULIC 1/4 L=1390
11	33017655	1	HOSE HYDRAULIC 3/8 L=1350
12	33019714	1	HOSE HYDRAULIC 1/4 L= 450
13	33017638	1	HOSE HYDRAULIC 1/4 L=3020
14	33017647	1	HOSE HYDRAULIC 1/4 L=2320
15	33019713	1	HOSE HYDRAULIC 1/4 L= 450



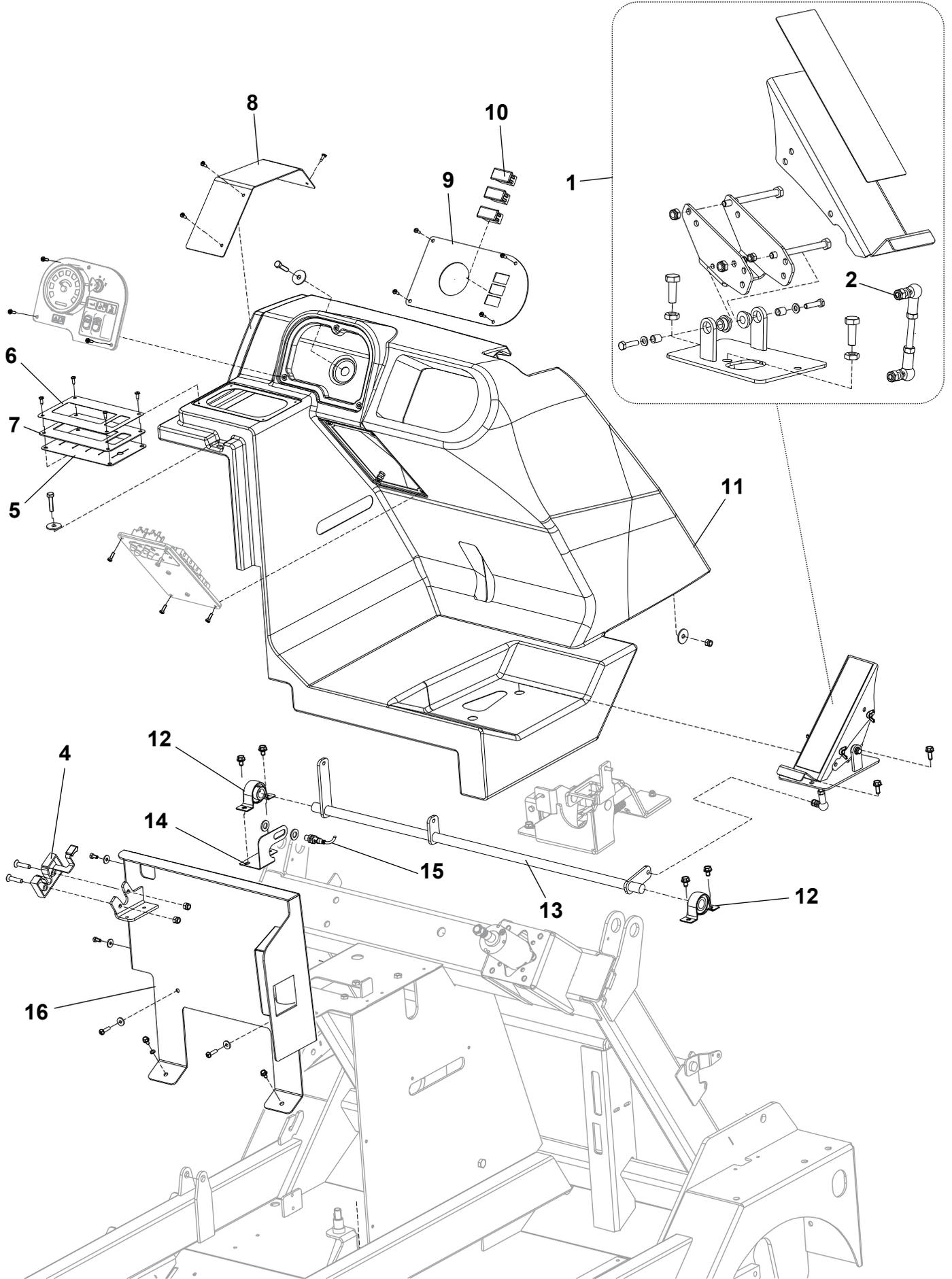
Item	Ref. No.	Qty	Description
1A	33018689	1	HOSE HYDRAULIC 1/2 L=2900
2	33017640	1	HOSE HYDRAULIC 3/8 L= 625
3	33017654	1	HOSE HYDRAULIC 1/4 L=2600
4	33017643	1	HOSE HYDRAULIC 1/4 L=3400
5	33017646	1	HOSE HYDRAULIC 1/4 L=1460
6	33017637	1	HOSE HYDRAULIC 1/4 L= 330
7	33017639	1	HOSE HYDRAULIC 1/4 L=1620
8	33017631	1	HOSE HYDRAULIC 3/8 L=1520
9	33017648	1	HOSE HYDRAULIC 1/2 L=1050
10B	33017644	1	HOSE HYDRAULIC 1/4 L=2500
11B	33017629	1	HOSE HYDRAULIC 3/8 L=2900
12B	33017642	1	HOSE HYDRAULIC 3/8 L= 660
13B	33017645	1	HOSE HYDRAULIC 1/2 L=2170

A: ONLY FOR MACHINE WITH ONE SIDE BROOM

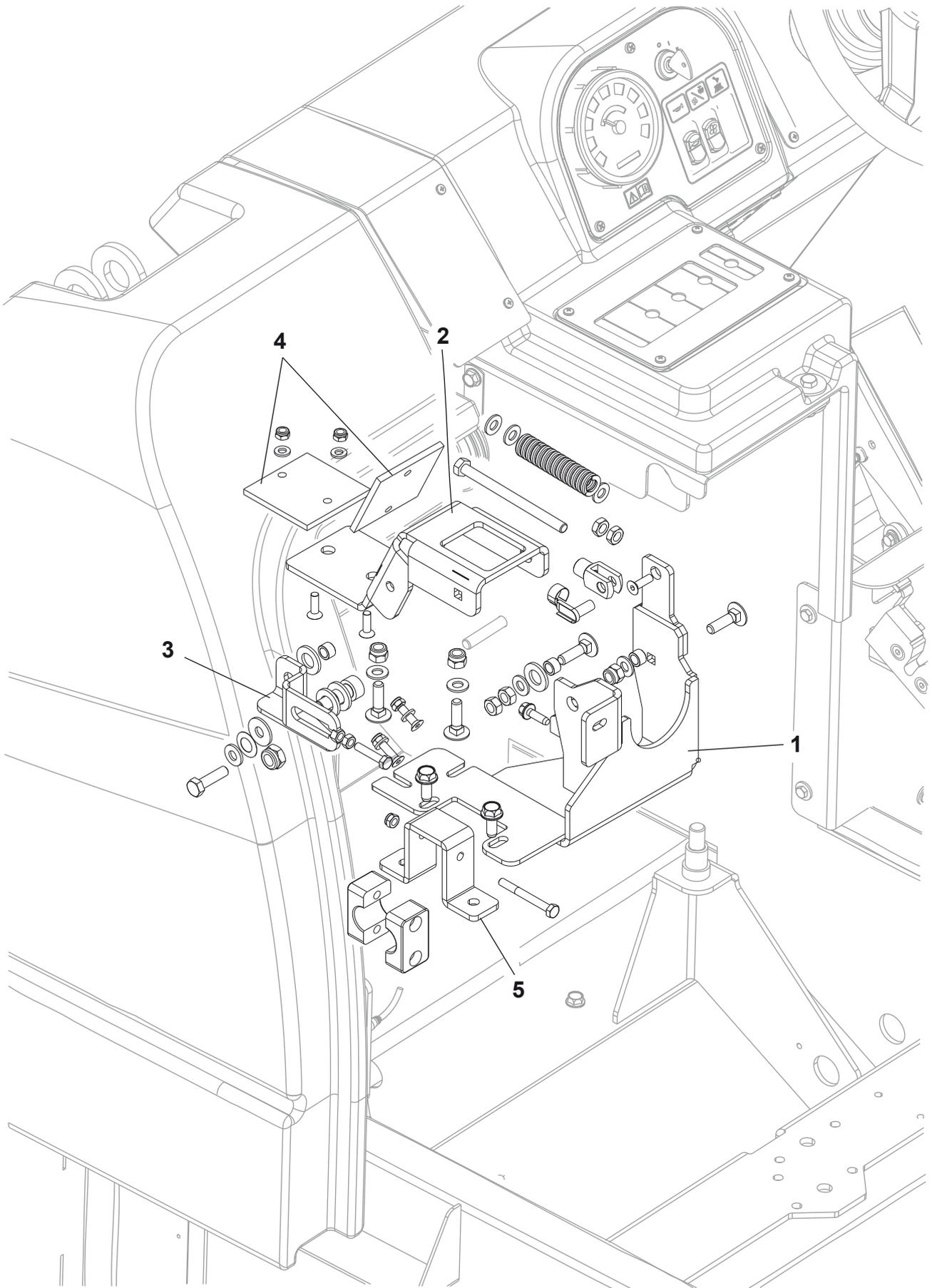
B: ONLY FOR MACHINE WITH TWO SIDE BROOM



Item	Ref. No.	Qty	Description
1	33018170	1	STEERING WHEEL
2	8-33-02360	1	HOLE HEAT SHIED
3	33018845	1	PEDAL BRAKE KIT
4	33017199	1	SPRING
5	33017259	1	MAT PEDAL
6	33019212	1	HOPPER STOP KIT
7	33018803	1	LATCH KIT
8	33017169	1	COVER SIDE ROTOMOLD
9	145 3801 000	1	HORN 12V
10*	33019574	1	BACKUP ALARM KIT
[11]	33019168	1	INSTRUCTIONS ASSEMBLY
[12]	33017355	1	HARNES MAIN ENGINE VERSION
13	33020341	1	CONTROL LEFT HARDWARE KIT



Item	Ref. No.	Qty	Description
1	33018841	1	FOOT PEDAL UPPER KIT
2	33018842	1	CONNECTION PEDAL KIT
4	33018861	1	BLOCK BONNET KIT
5	33017164	1	FLAP LEVER COVER
6	33017379	1	DECAL MANIFOLD
7	33017163	1	PLATE
8	33017246	1	PLATE
9	33017224	1	COVER PLATE NON TILT
10	909 5836 000	3	CAP
11	33017256	1	CONSOLE
12	33003201	2	SUPPORT SBPP 204
13	33017218	1	LINKAGE WELDT (THROTTLE)
14	33017439	1	BRACKET SENSOR
15	33018521	1	SWITCH BACK UP PROXIMITY
16	33017175	1	PLATE REAR COVER LATCH
[17]	33020342	1	CONTROL RIGHT HARDWARE KIT



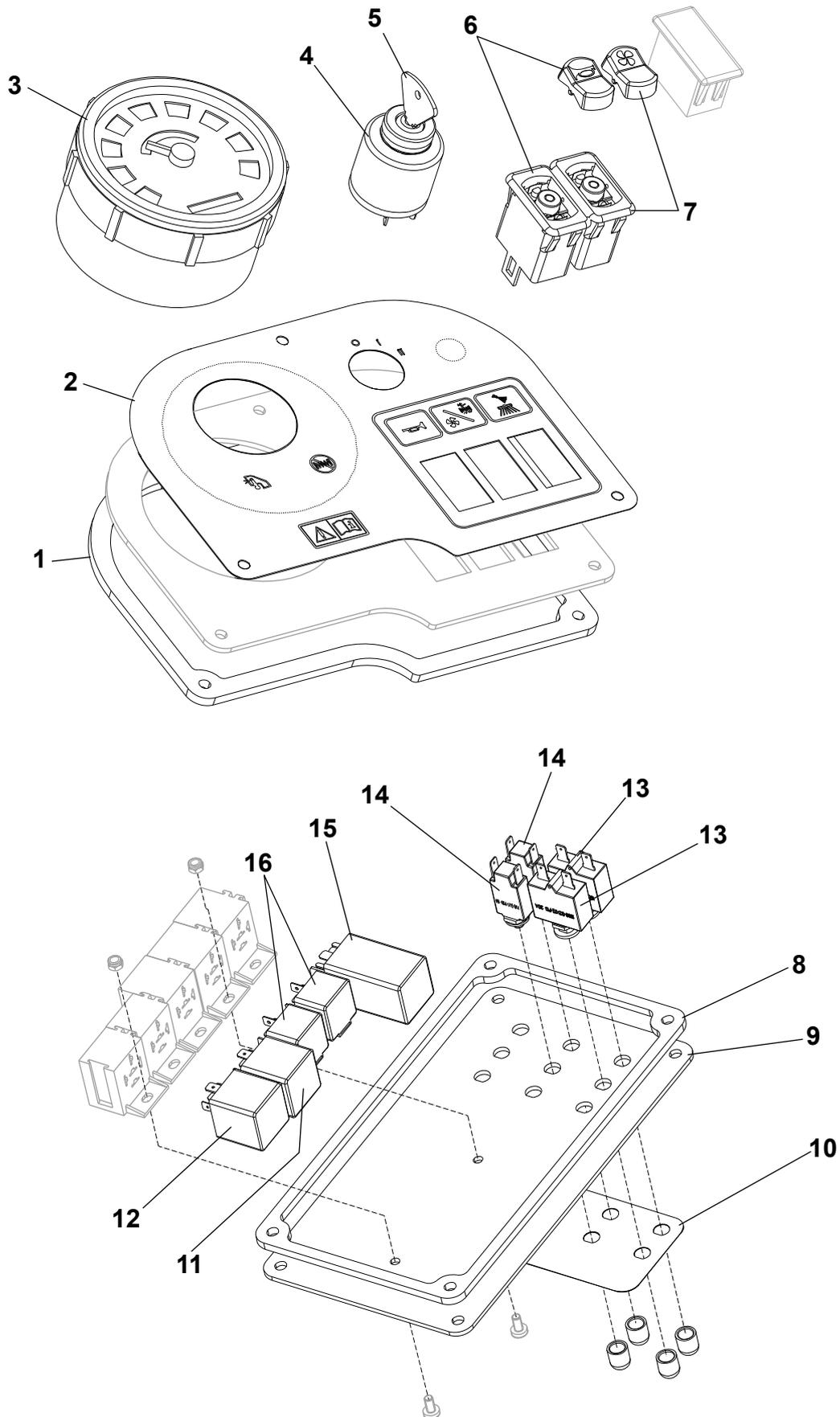
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ASSY SPEED LIMITING

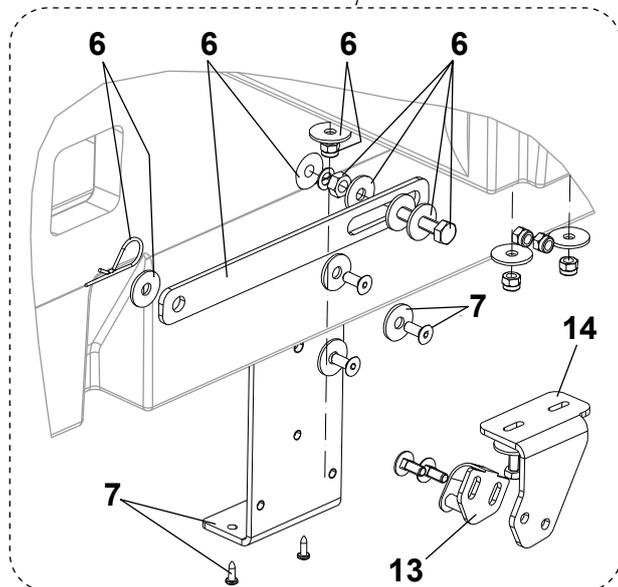
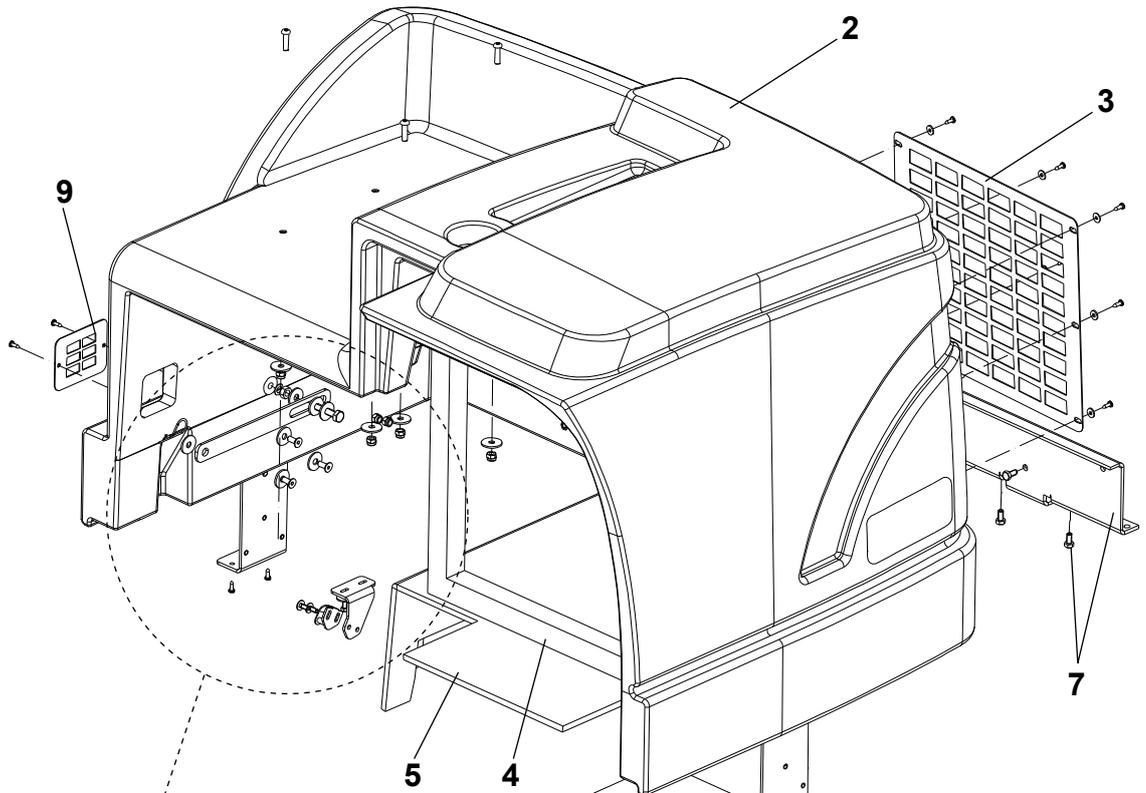
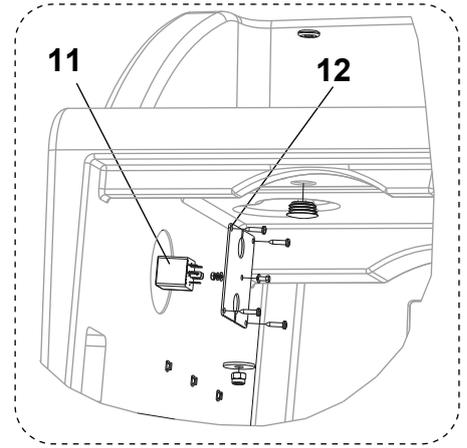
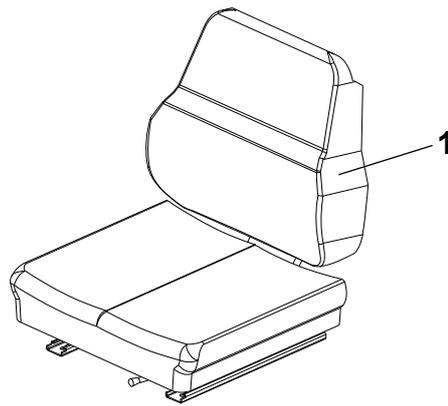
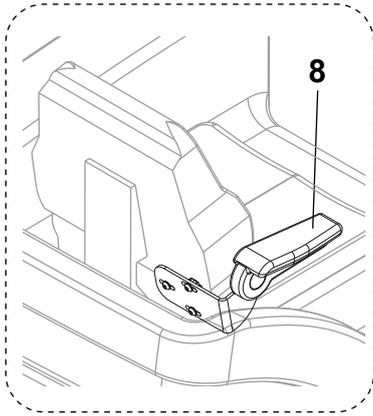
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35

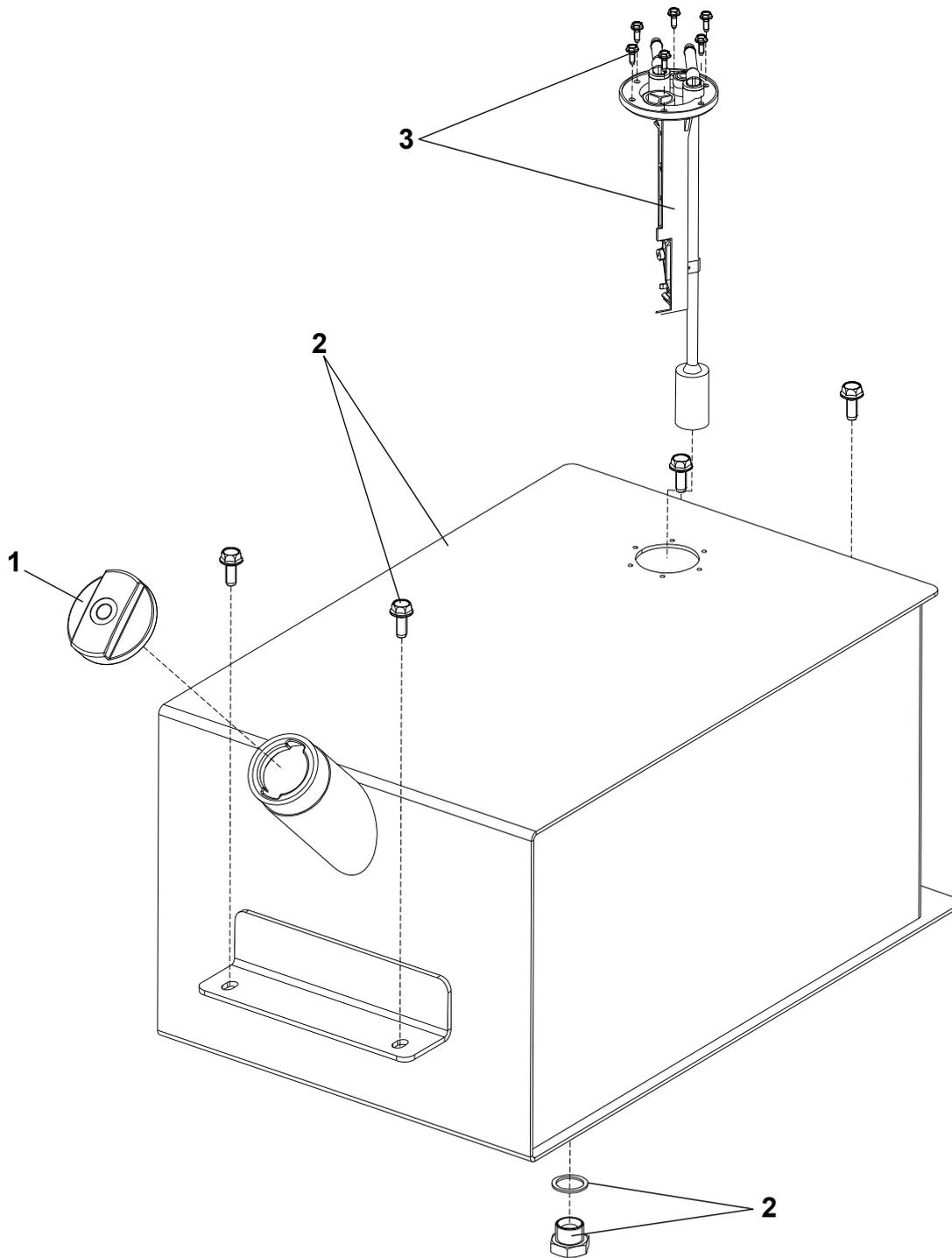
Item	Ref. No.	Qty	Description
1	33019995	1	BASE SPEED LIMITING
2	33019996	1	LEVER SPEED LIMITING
3	33019997	1	LEVER ADJUSTER
4	33019998	2	PLATE FOR SPEED LIMITING
5	33020212	1	SUPPORT COLLAR
[6]	33020350	1	SPEED LIMITING HARDWARE KIT



Item	Ref. No.	Qty	Description
1	33017223	1	GASKET PLATE
2	33017375	1	DECAL GAGE PANEL
3	33017228	1	GAUGE 12V
4	145 3761 000	1	SWITCH KEY
5	146 0073 00	1	KEY (1PC)
6	33018844	1	SWITCH HORN KIT
7	33018843	1	SWITCH VACUUM KIT
8	33017381	1	GASKET
9	33017254	1	PLATE FUSES
10	33017249	1	DECAL FUSES
11	33017359	1	RELAY TIMER 20 SECONDS
12	33017385	1	RELAY TIMER 0,5 SEC.
13	909 5706 000	2	CIRCUIT BREAKER 30A
14	33017360	2	BREAKER CIRCUIT 16A
15	33001990	1	PLUG POWER BOX
16	146 3113 000	2	RELAIS 12V 70 A TYCO
[17]	33017358	1	HARNESS RELAY ENGINE VERSION



Item	Ref. No.	Qty	Description
1	145 5975 000	1	SEAT
2	33017230	1	COVER ENGINE
3	33017247	1	GRILL REAR
4	33018759	1	GASKET FOR RADIATOR
5	33017682	1	INSULATION FOAM
6	33018862	1	BONNET BLOCK KIT
7	33019103	1	REINFORCEMENT BONNET KIT
8	33019556	1	ARMREST RIGHT KIT
9	33017244	1	GRILL SIDE SMALL
10	33018732	1	BRACKET CLOSING REAR COVER
11	33019197	1	RELAY TIMER 0.5 SECONDS
12	33019718	1	COMPARTEMENT LID TIMER
13	33017177	1	CATCH LATCH
14	33017261	1	PLATE CATCH
[15]	33019697	1	HARNES REAR COVER ENGINE
[16]	33019554	1	SEAT BELT KIT
[17]	33020340	1	REAR COVER HARDWARE KIT



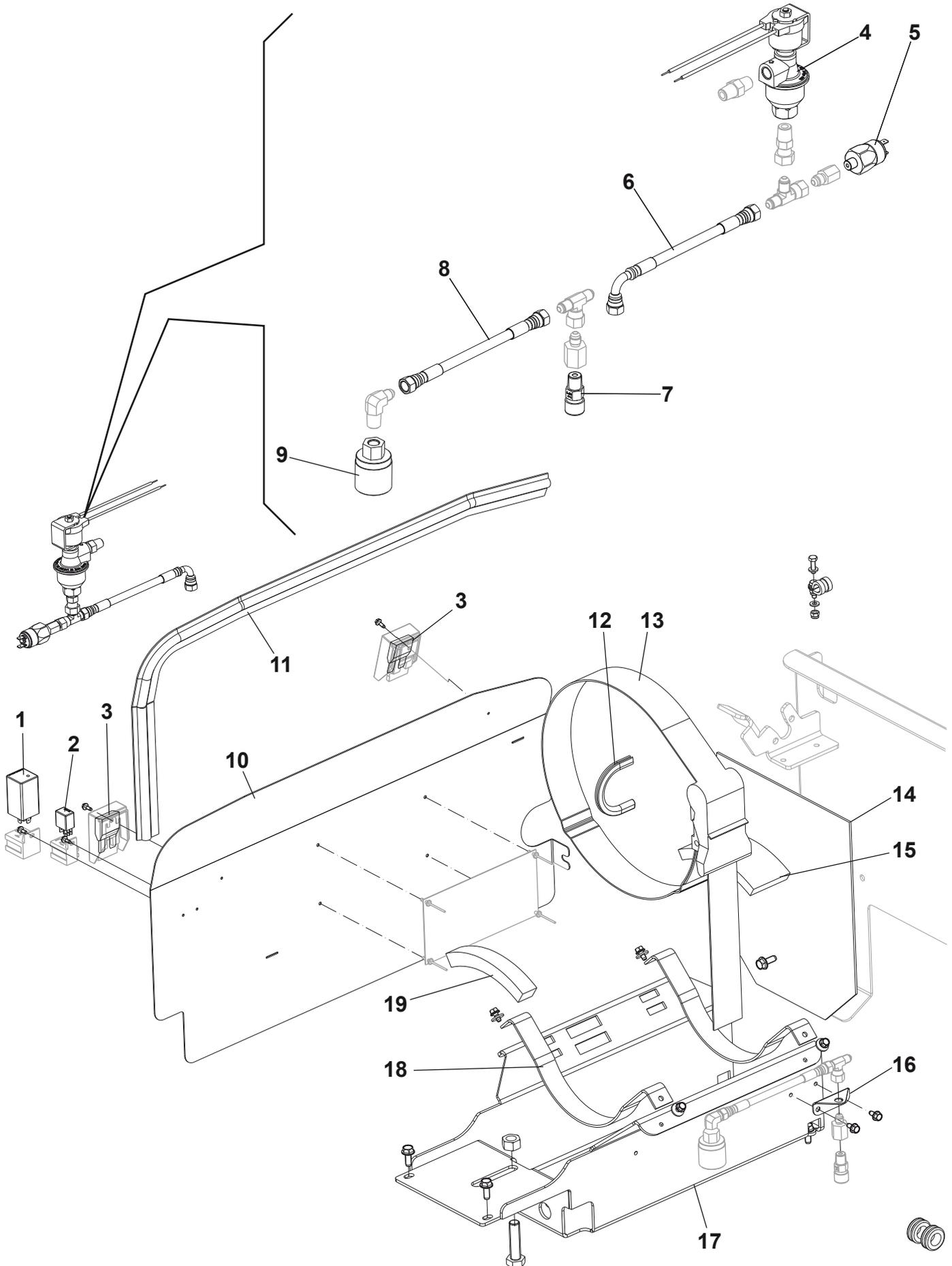
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ASSY FUEL TANK 3 CYL DIESEL

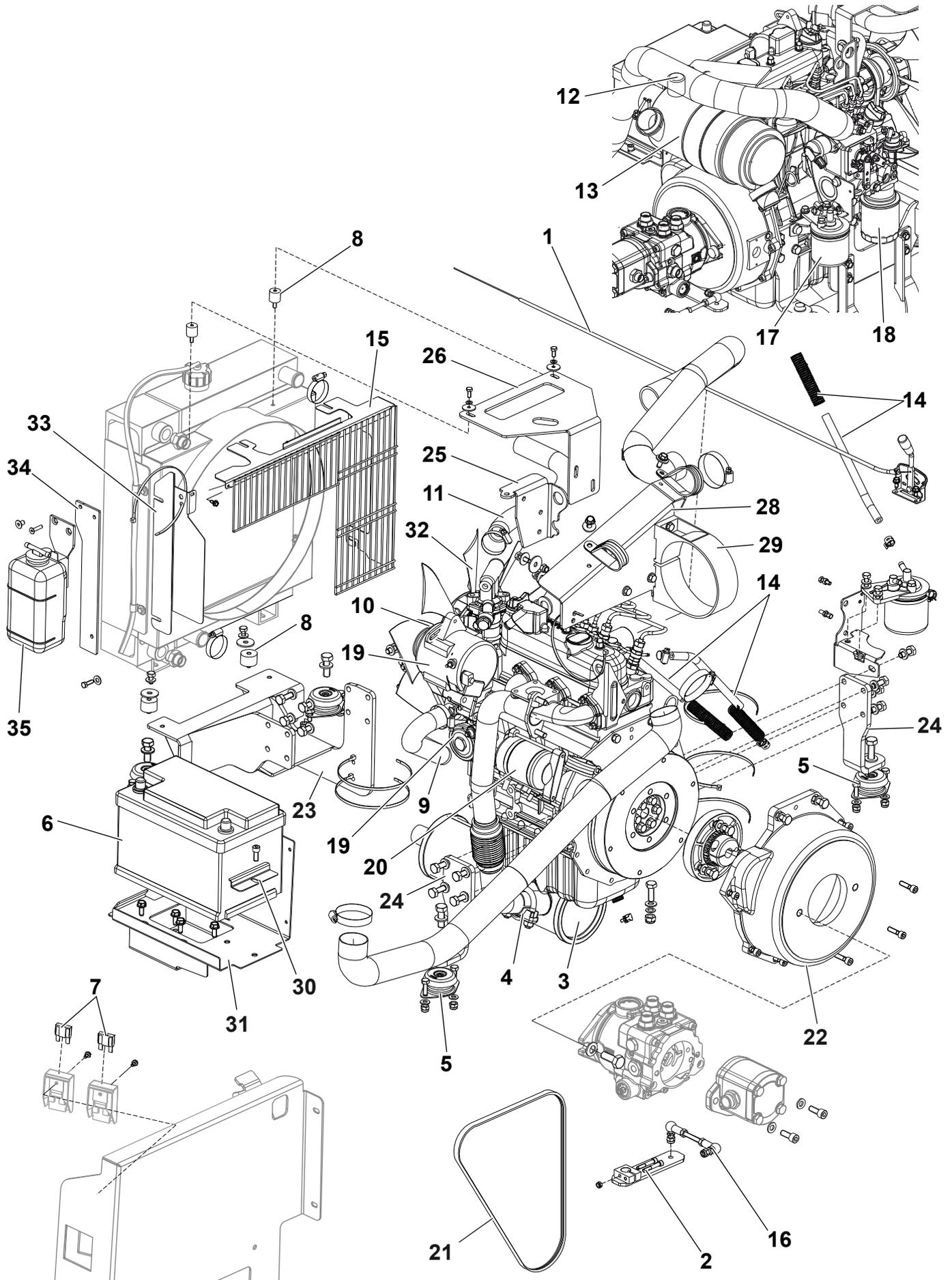
Proterra™

41

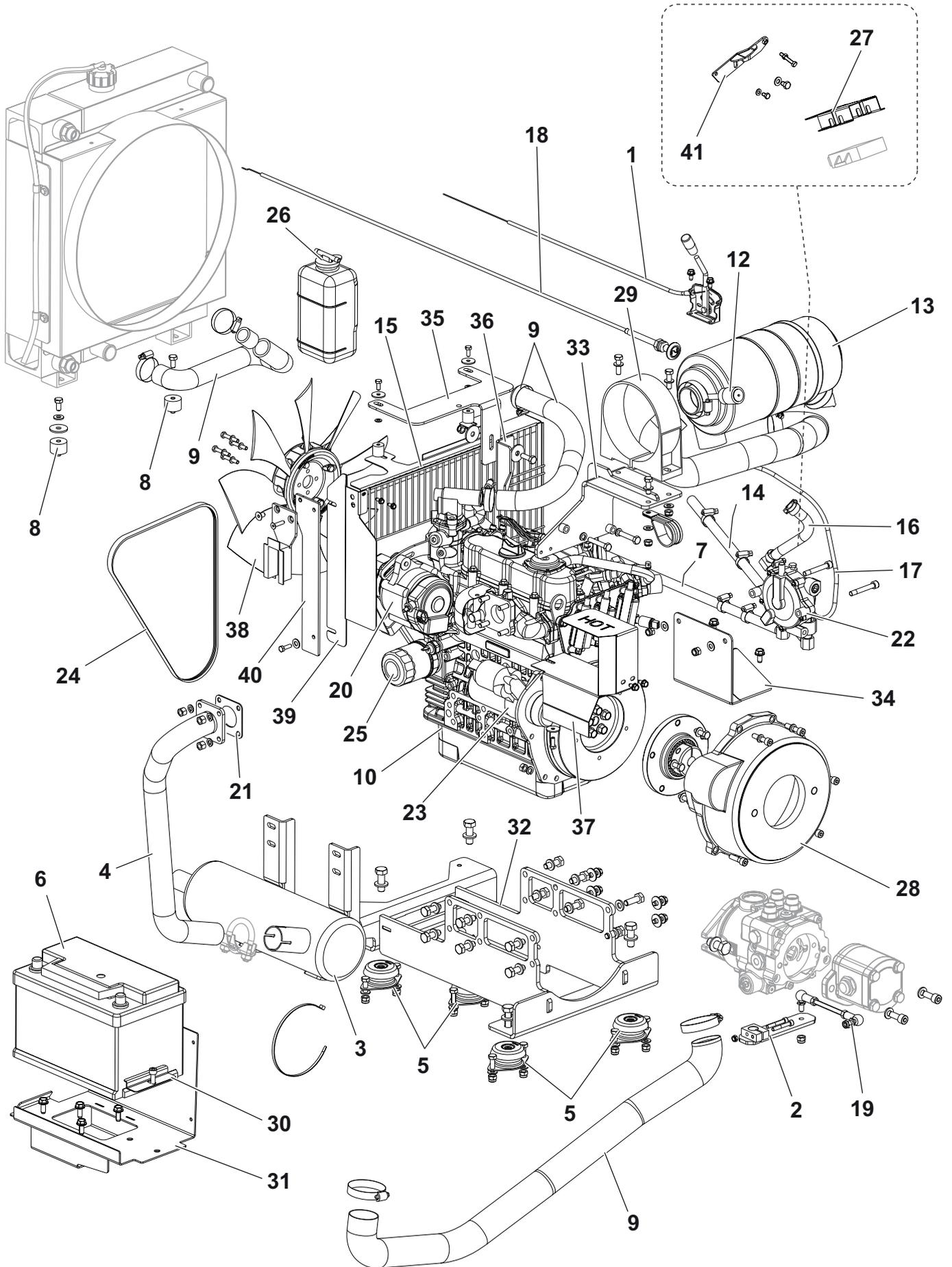
Item	Ref. No.	Qty	Description
1	33017215	1	CAP W/TETHER
2	33018863	1	TANK FUEL KIT
3	33018864	1	INDICATOR LEVEL FUEL KIT



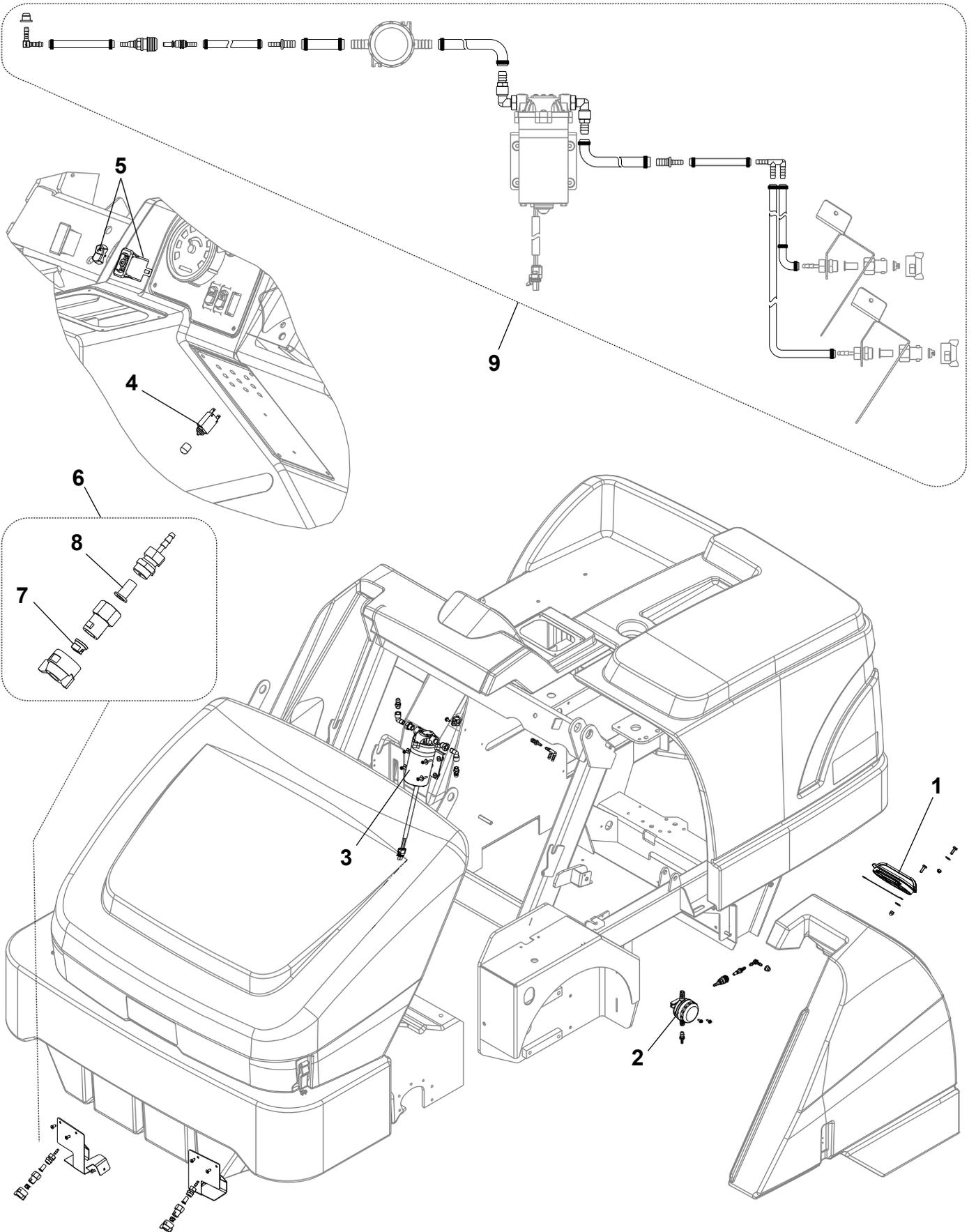
Item	Ref. No.	Qty	Description
1	33017388	1	TIMER
2	33009141	1	RELE 12 COM 1
3	146 1873 000	2	FUSE 50A
4	33017756	1	SOLENOID VALVE 12V THREAD
5	33019307	1	SWITCH PRESSURE
6	33019310	1	HOSE GPL LENGH 1450
7	33019306	1	VALVE SECURITY 400PSI
8	33019309	1	HOSE GPL LENGH 620
9	33019848	1	ADAPTER 1/4 NPT
10	33019507	1	BULKHEAD TANK SPACE
11	33020028	1	TRIM EDGE BULB L 995MM
12	33020027	1	GASKET LENGH 2000
13	33019999	1	BAND LPG TANK
14	33019929	1	RUBBER GAS TANK
15	33019908	1	GASKET TANK LPG
16	33019841	1	BRACKET FOR FITTING
17	33018366	1	SUPPORT
18	33019909	2	BAND
19	33020059	1	GASKET ADHESIVE
[20]	33020343	1	SUPPORT TANK HARDWARE KIT



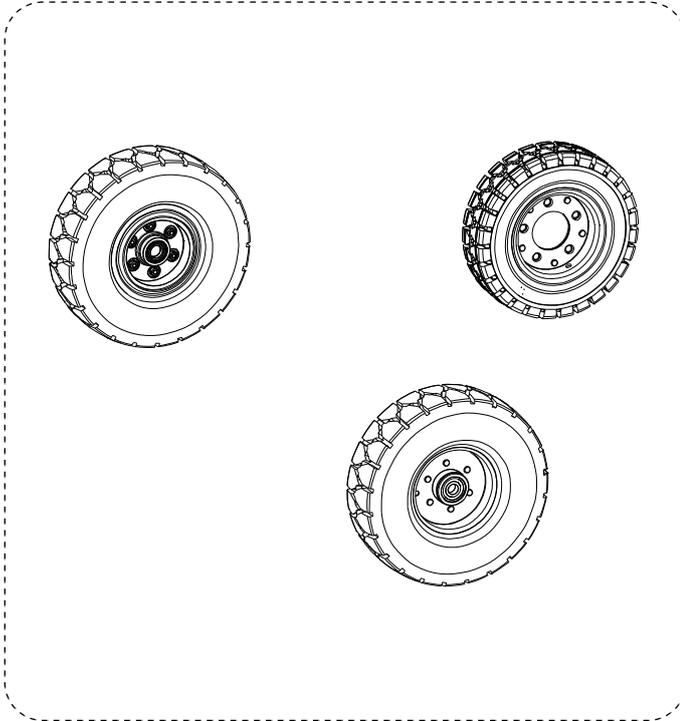
Item	Ref. No.	Qty	Description
1	33019119	1	ACCELERATOR KIT
2	33018468	1	WORKING LEVER PUMP
3	33017231	1	MUFFLER
4	33017211	1	TUBE EXHAUST PIPE
5	33019120	1	VIBRATION DAMPING ENGINE KIT
6	33019628	1	BATTERY 12V 77AH
7	146 1873 000	2	FUSE 50A
8	33019121	1	VIBRATION DAMPING RADIATOR KIT
9	33017234	1	TUBE RADIATOR
10	33019460	1	ENGINE KUBOTA
11	33017233	1	TUBE RADIATOR
12	33017251	1	INDICATOR AIR FILTER
13	145 0231 000	1	AIR FILTER
14	33019122	1	HOSES FUEL KIT
15	33018814	1	GRILL SAFETY
16	33020344	1	KIT CONNECTION PEDAL DIESEL
17	33017252	1	FILTER FUEL
18	33018850	1	FILTER OIL ENGINE
19	33019147	1	ALTERNATOR 12V 60 AH
20	33019149	1	STARTER 12V
21	33019148	1	BELT ALTERNATOR
22	33017208	1	BELL HOUSING
23	33017209	1	BRACKET
24	33017210	2	BRACKET
25	33017226	1	BRACKET RADIATOR MOUNT
26	33017227	1	BRACKET RADIATOR MOUNT
27	33017237	1	PLATE FILTER AIR
28	33017253	1	SUPPORT FUEL FILTER
29	33017293	1	SUPPORT PLASTIC AIR
30	33017441	1	CLAMP BATTERY
31	33017442	1	SUPPORT BATTERY
32	33018697	1	FAN MULTIWING D.370 8 BLADE
33	33018813	1	PLATE RADIATOR RIGHT
34	33019468	1	BRACKET FOR TANK WATER
35	33019456	1	TANK WATER OVERFLOW W/MOUNT
[36]	33019467	2	STIFFENER MUFFLER
[37]	33019244	1	HARNES DIESEL ENGINE KIT
[38]	33020346	1	ENGINE DIESEL HARDWARE KIT



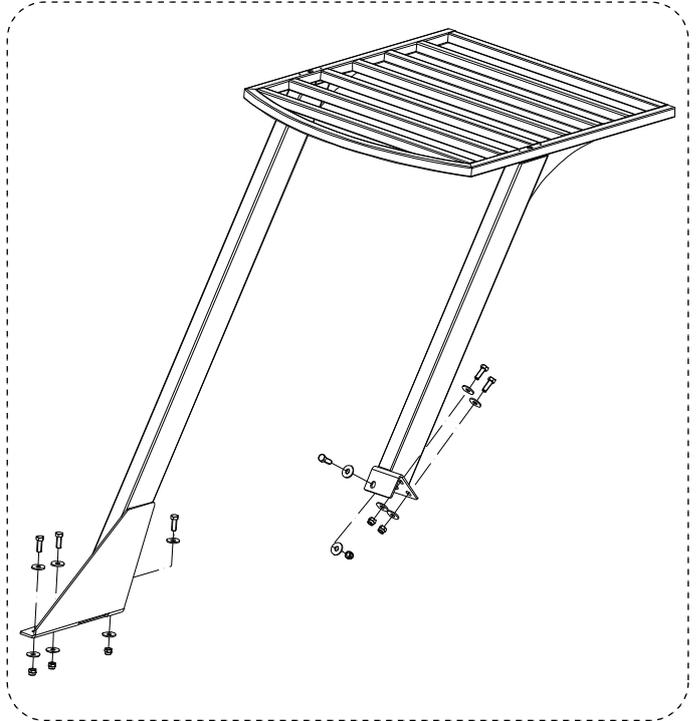
Item	Ref. No.	Qty	Description
1	33019119	1	ACCELERATOR KIT
2	33018468	1	WORKING LEVER PUMP
3	33017231	1	MUFFLER
4	33017914	1	TUBE EXHAUST PIPE
5	33019120	1	VIBRATION DAMPING ENGINE KIT
6	33019628	1	BATTERY START 12V 77 AH
7	33019894	1	HOSE LENGH 540 MM KIT
8	33019121	1	VIBRATION DAMPING RADIATOR KIT
9	33020348	1	HOSES KIT
10	33017064	1	ENGINE LPG
11	33017915		HOSE
12	33017251	1	INDICATOR AIR FILTER
13	145 0231 000	1	AIR FILTER
14	33018004	1	HOSE VALVE REGULAT. L 650
15	33018814	1	GRILL SAFETY
16	33018005	1	HOSE
17	33018006	1	HOSE
18	33020324	1	CABLE CHOKE
19	33020345	1	KIT CONNECTION PEDAL LPG
20	33019147	1	ALTERNATOR 12V 60AH
21	33020015	1	GASKET EXAUST
22	33020016	1	LPG REGULATOR
23	33020017	1	STARTER
24	33020018	1	BELT ALTERNATOR
25	33018851	1	FILTER OIL ENGINE
26	33019456	1	TANK WATER OVERFLOW W/MOUNT
27	33020209	1	PLATE PROTECTION
28	33017265	1	BELL HOUSING
29	33017293	1	SUPPORT PLASTIC AIR
30	33017441	1	CLAMP BATTERY
31	33017442	1	SUPPORT BATTERY
32	33017913	1	SUPPORT MOTOR
33	33017918	1	PLATE
34	33017919	1	SUPPORT
35	33018002	1	BRACKET
36	33018003	1	BRACKET
37	33018628	1	CRANKCASE MUFFLER PROTECT
38	33018697	1	FAN MULTIWING D.370 8 BLADE
39	33018813	1	PLATE RADIATOR RIGHT
40	33019468	1	BRACKET FOR TANK WATER
41	33020208	1	BRACKET RPM SETTING
[42]	33020347	1	HARNESSE LPG ENGINE KIT
[43]	33020349	1	ENGINE LPG HARDWARE KIT



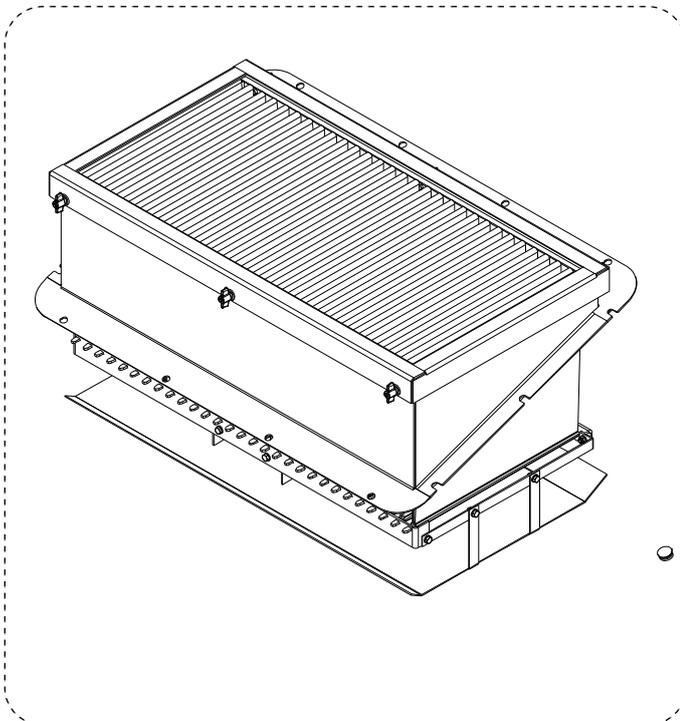
Item	Ref. No.	Qty	Description
1	9097385000	1	CAP SOLUTION TANK
2	9097404000	1	FILTER WATER
3	33019329	1	PUMP WATER KIT
4	33018485	1	BREAKER CIRCUIT 1A
5	33019325	1	SWITCH WATER FLUSHING KIT
6	33019324	2	NOZZLE SPRAY KIT
7	56508450	1	NOZZLE SPRAY
8	56507916	1	STRAINER CHECK VALVE
9	33019326	1	HOSES/FITTINGS MISTING SYSTEM KIT
[10]*	33019175	1	PRE MISTING SYSTEM 12V KIT
[11]	33019169	1	INSTALLATION INSTRUCTIONS



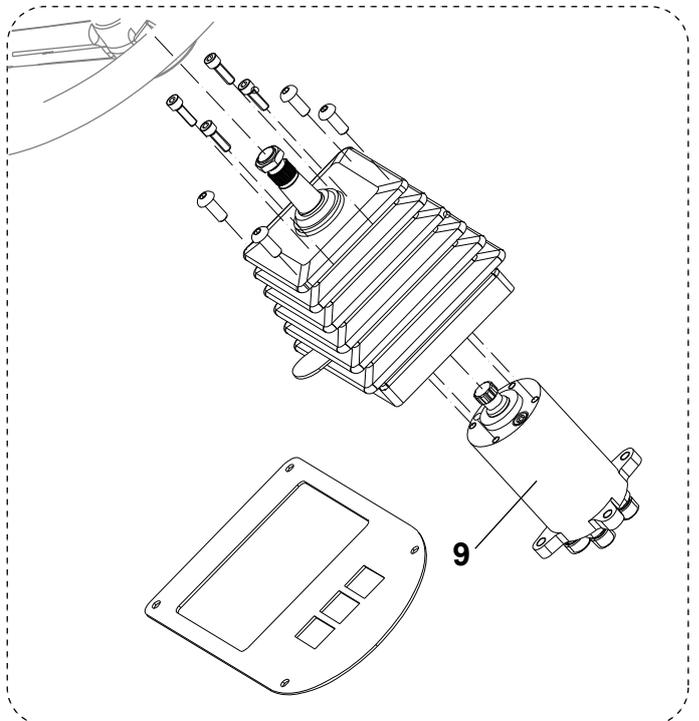
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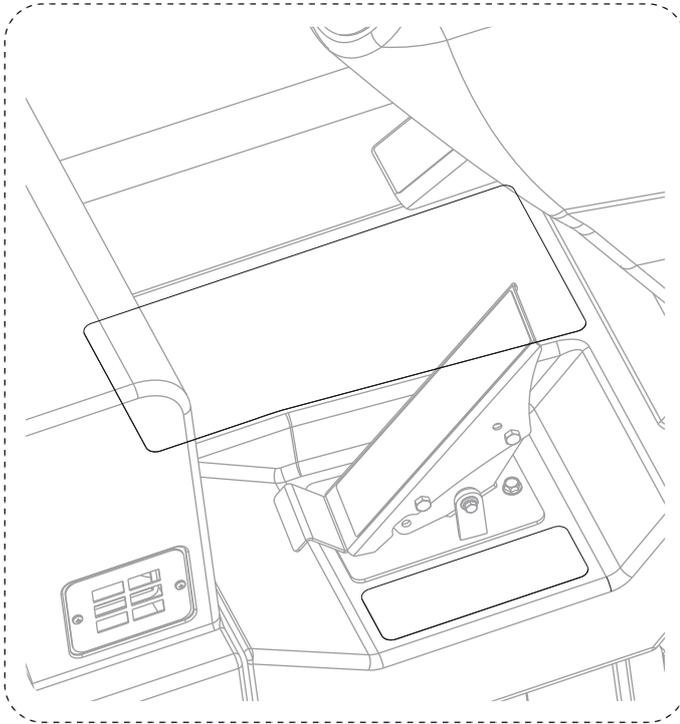
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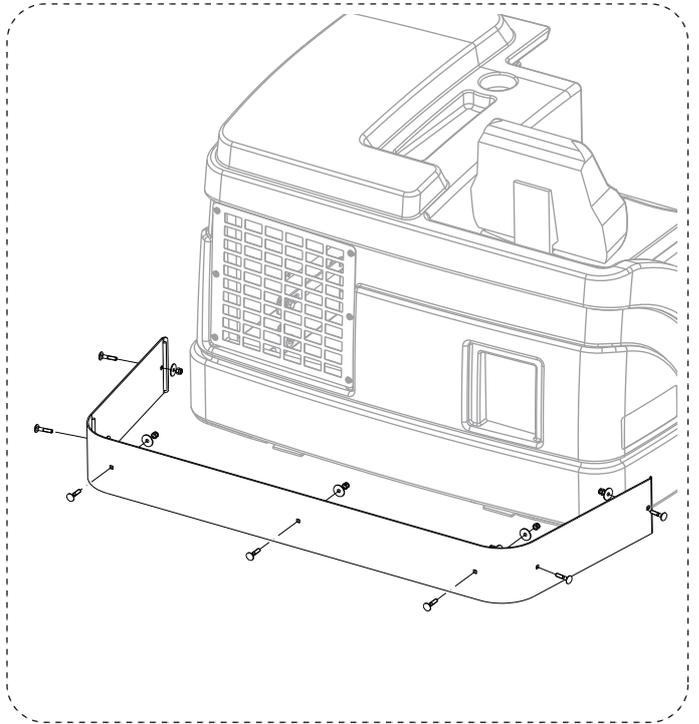
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Item	Ref. No.	Qty	Description
1*	33019172	1	WHEEL SOLID KIT
1*	33019139	1	WHEEL SOLID NON MARKING KIT
2*	33019171	1	OVER HEAD GUARD KIT
[3]*	56508663	1	MIRROR KIT
[4]	56040968	1	INSTRUCTIONS ASSEMBLY
5*	33019176	1	POCKET FILTER KIT 12V
[6]*	56507740	1	POCKET WATER RESISTANT FILTER
[7]	33018766	1	INSTRUCTIONS ASSEMBLY
8*	33019174	1	TILT STEERING KIT
9	33017925	1	STEERING UNIT
[10]	33019157	1	INSTRUCTIONS ASSEMBLY
[11]*	56507027	1	FIRE EXTIGUISHER KIT
[12]	56040936	1	INSTRUCTIONS ASSEMBLY

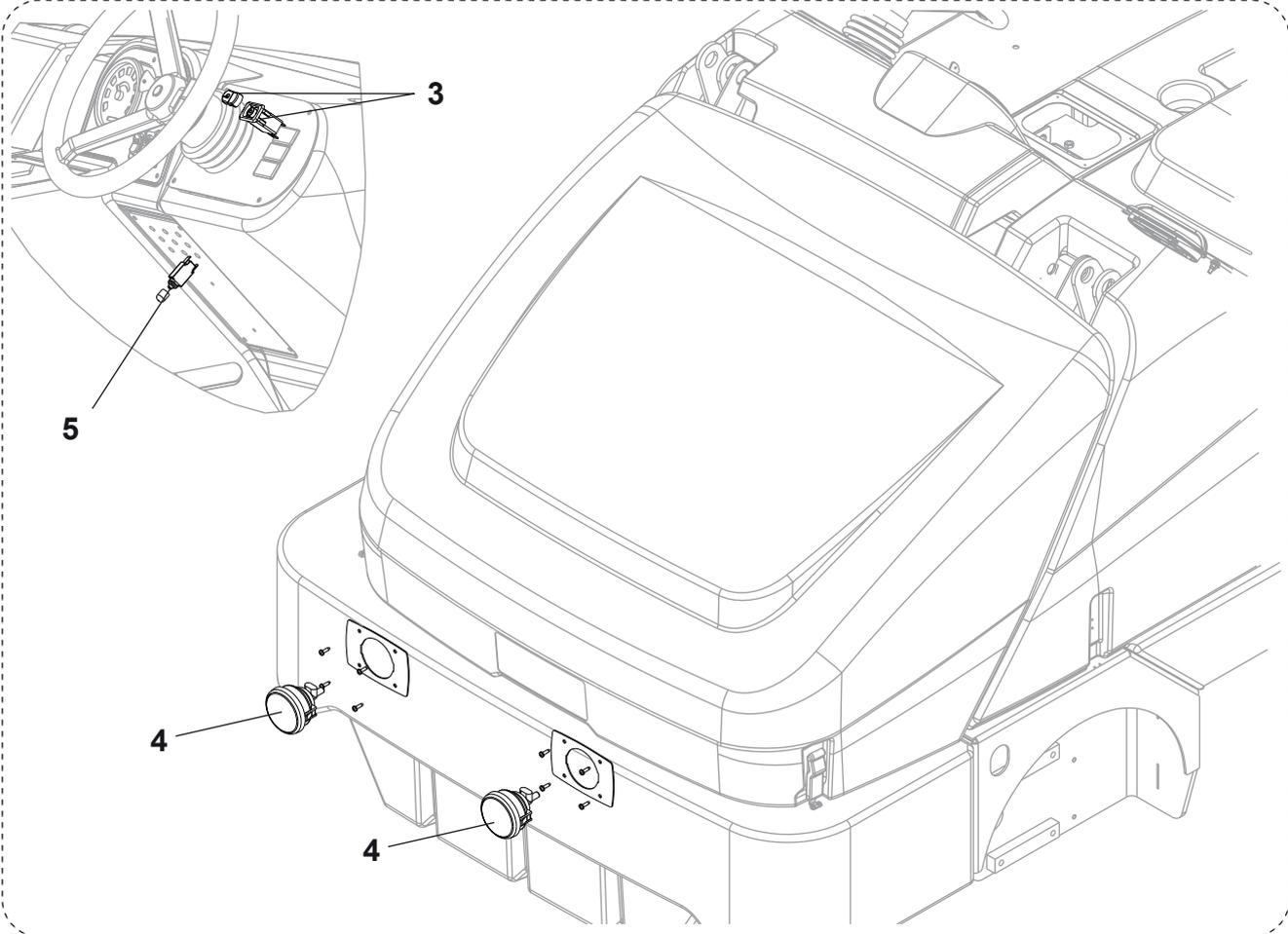


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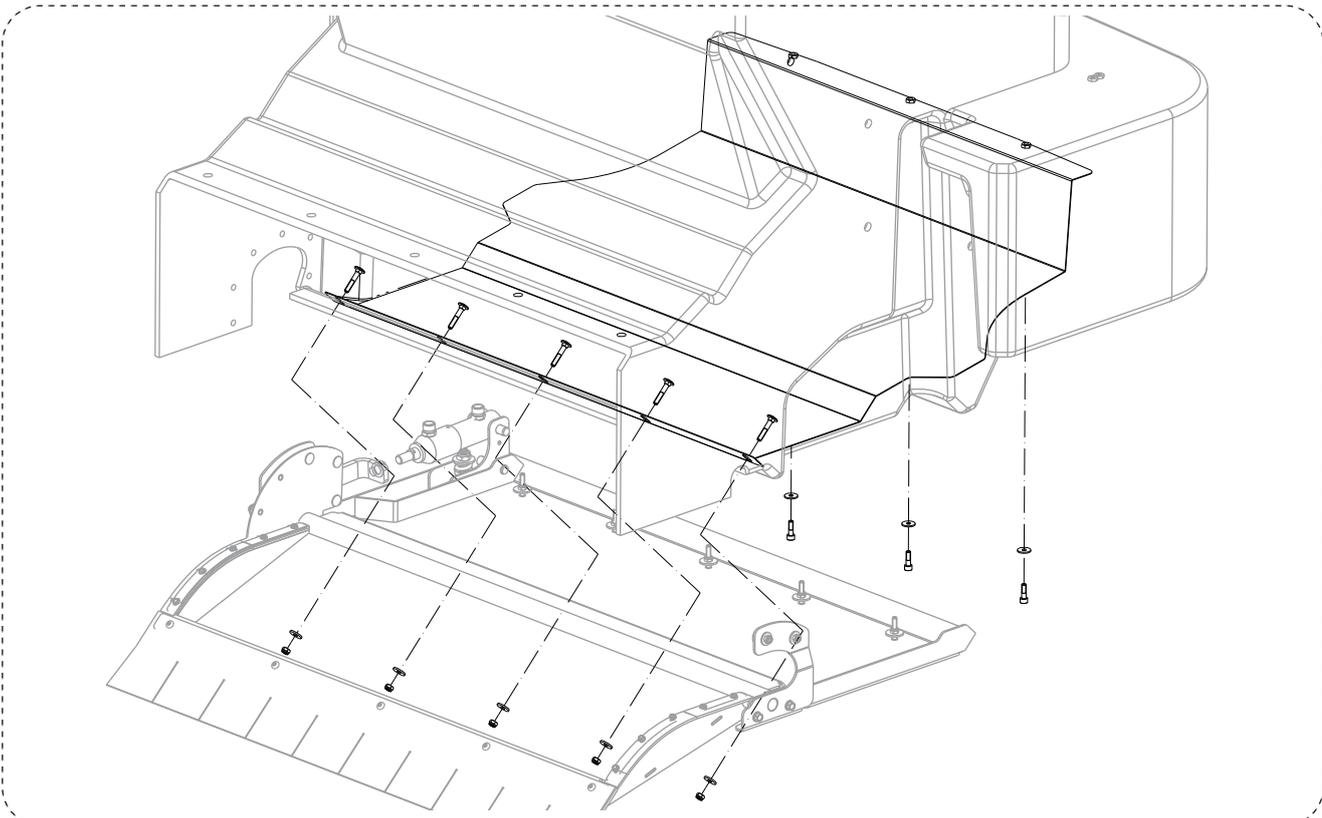
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Item	Ref. No.	Qty	Description
1*	33019570	1	MAT FLOOR KIT
[2]	33019195	1	INSTRUCTIONS ASSEMBLY
3*	33019572	1	GUARD REAR BUMPER KIT
[4]	33019205	1	INSTRUCTIONS ASSEMBLY

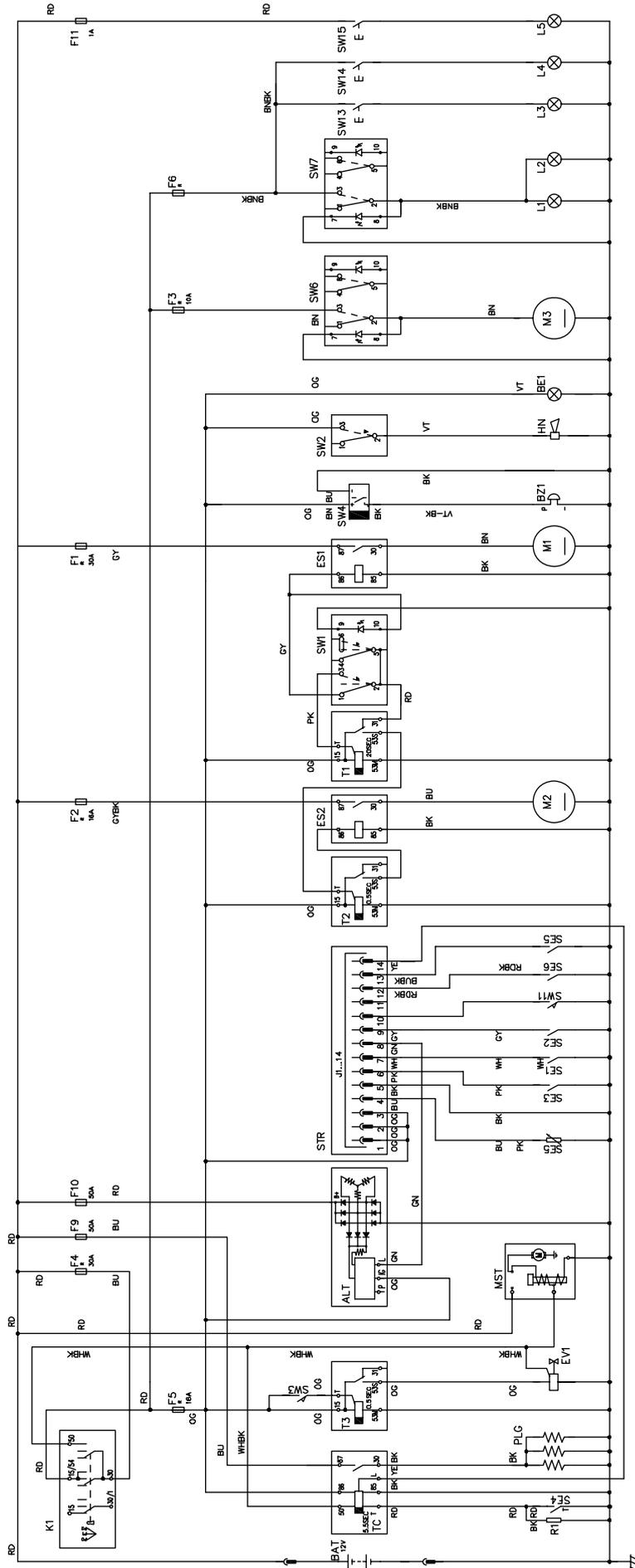


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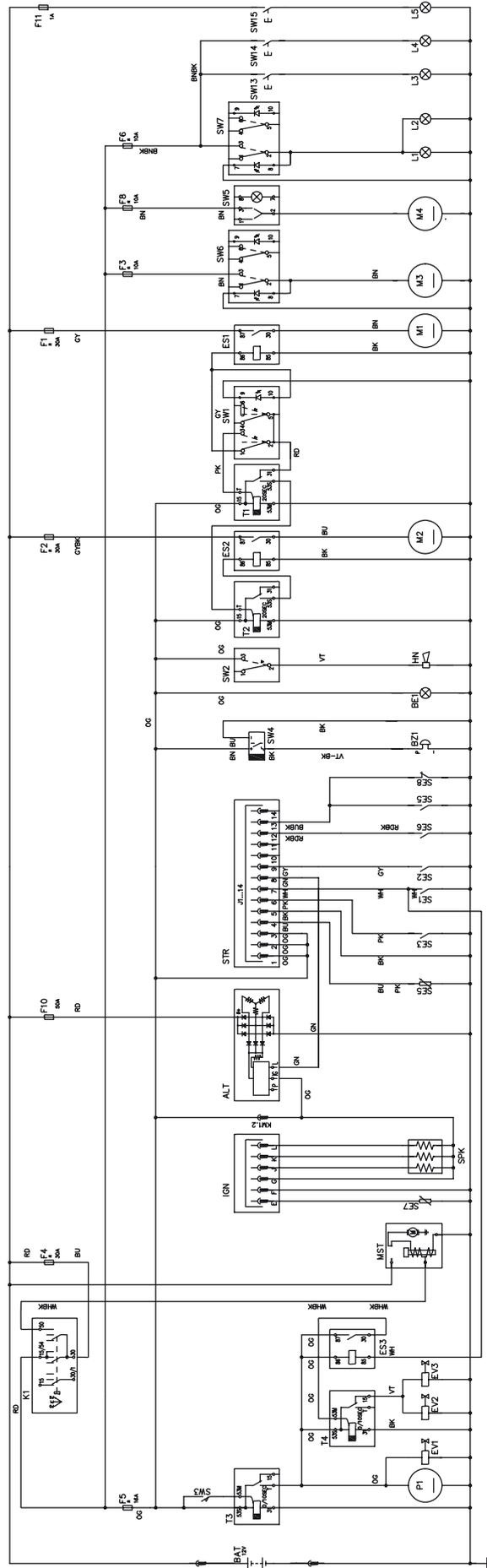
Item	Ref. No.	Qty	Description
1*	33019558	1	FRONT LIGHT 12V KIT
[2]	33019561	1	INSTRUCTIONS INSTALLATION
3	33019736	1	SWITCH FRONT LIGHT
4	146 1587 000	2	HEADLIGHT
5	33017361	1	BREAKER CIRCUIT 10A
[6]	146 1588 000	2	LAMP
[7]	33019220	1	HARNES FRONT HEADLIGHT
8*	33019573	1	METAL LINER HOPPER KIT
[9]	33019207	1	INSTRUCTIONS INSTALLATION



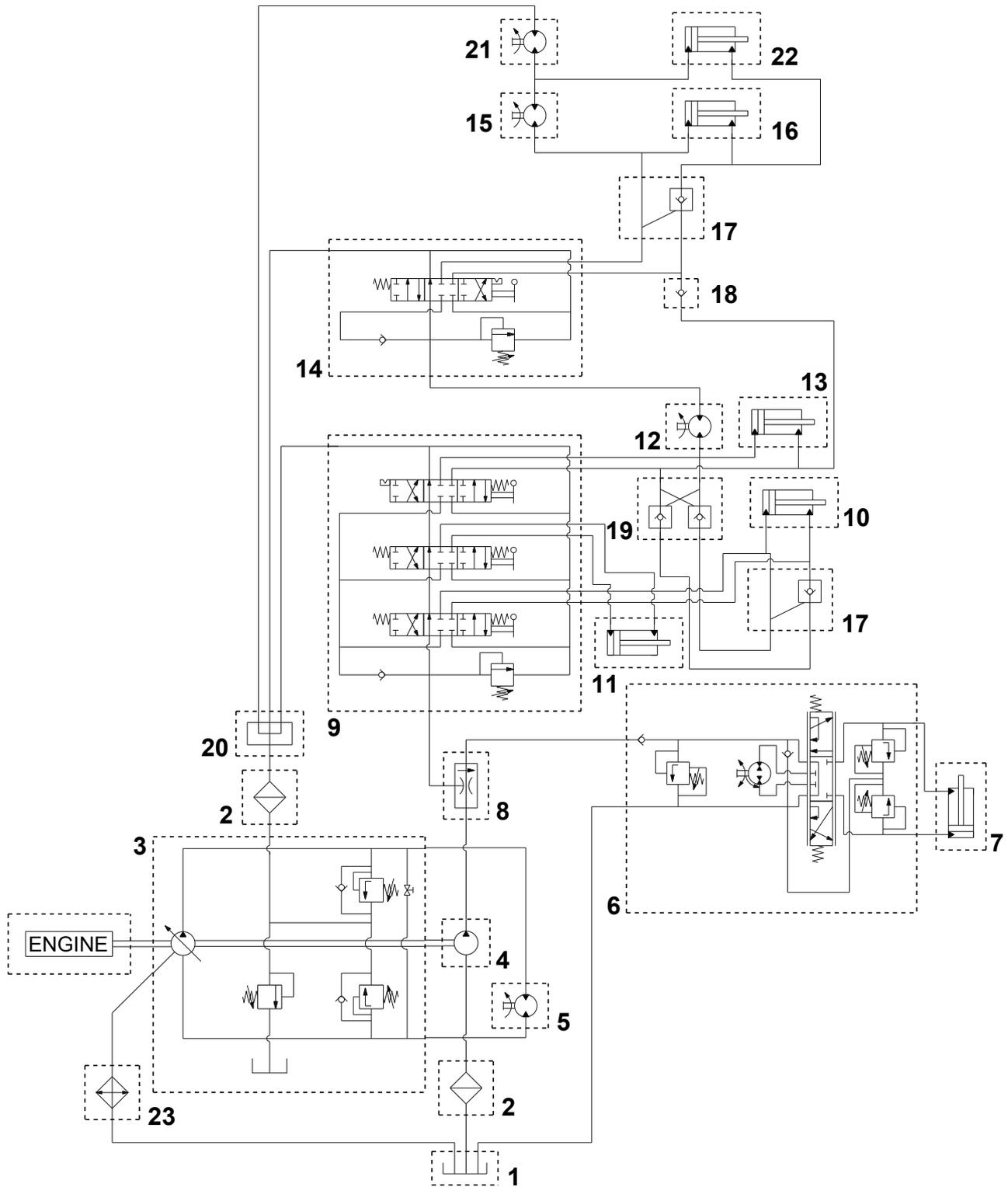
Key	Description	Ref. No.
ALT	ALTERNATOR	33019147
BAT	BATTERY	33019628
BE1	PIVOTING LIGHT	56305223
BZ1	REVERSE GEAR BUZZER	146 2487 000
ES1	VACUUM SYSTEM RELAY	146 3113 000
ES2	FILTER SHAKER RELAY	146 3113 000
EV1	SOLENOID VALVE	-
F1	VACUUM SYSTEM CIRCUIT BREAKER (30 A)	909 5706 000
F2	FILTER SHAKER CIRCUIT BREAKER (16 A)	33017360
F3	WATER PUMP CIRCUIT BREAKER (10 A) (OPTIONAL)	33017361
F4	IGNITION KEY CIRCUIT BREAKER (30 A)	909 5706 000
F5	ENGINE ACCESSORY CIRCUIT BREAKER (16 A)	33017360
F8	CAB BLOWER CIRCUIT BREAKER (OPTIONAL)	-
F9	GLOW PLUG FUSE (50 A)	146 1873 000
F10	ALTERNATOR FUSE BOX AND FUSE (50 A)	146 1873 000
F11	HOOD INNER LIGHT FUSE (1 A) (OPTIONAL)	-
HN	HORN	145 3801 000
K1	IGNITION SWITCH	145 3761 000
L1	FRONT WORKING LIGHT (OPTIONAL)	146 1587 000
L2	FRONT WORKING LIGHT (OPTIONAL)	146 1587 000
L3	DRIVER'S SIDE WORKING LIGHT (OPTIONAL)	56507830
L4	REAR WORKING LIGHT (OPTIONAL)	56507830
L5	HOOD INNER LIGHT (OPTIONAL)	56305627
M1	VACUUM SYSTEM MOTOR	33015222
M2	FILTER SHAKER MOTOR	146 1104 000
M3	WATER PUMP MOTOR (OPTIONAL)	33019329
M4	CAB BLOWER (OPTIONAL)	-
MST	STARTER	-
PLG	GLOW PLUGS	-
R1	GLOW PLUG WARNING LIGHT RESISTANCE	-
SE1	OIL PRESSURE SENSOR	-
SE2	WATER TEMPERATURE SENSOR	-
SE3	CLOGGED AIR FILTER SENSOR (OPTIONAL)	56305518
SE5	FUEL TANK FLOAT	33017215
SE6	HOPPER TEMPERATURE SENSOR (OPTIONAL)	56507029
STR	GAUGE	33017228
SW1	VACUUM SYSTEM/FILTER SHAKER SWITCH	33018843
SW2	HORN SWITCH	33018844
SW3	DRIVER'S SEAT MICROSWITCH	-
SW4	REVERSE GEAR PROXIMITY SENSOR	33018521
SW5	CAB BLOWER SWITCH (OPTIONAL)	-
SW6	WATER PUMP SWITCH (OPTIONAL)	33019325
SW7	WORKING LIGHT SWITCH (OPTIONAL)	-
SW13	DRIVER'S SIDE WORKING LIGHT SWITCH (OPTIONAL)	-
SW14	REAR WORKING LIGHT SWITCH (OPTIONAL)	-
SW15	HOOD INNER LIGHT SWITCH (OPTIONAL)	-
T1	FILTER SHAKER TIMER	33017359
T2	FILTER SHAKER TIMER 2	33017385
T3	DRIVER'S SEAT TIMER	33019197
TC	GLOW PLUG TIMER	33019990

Color

BK	BLACK
BU	LIGHT BLUE
BN	BROWN
GN	GREEN
GY	GREY
OG	ORANGE
PK	PINK
RD	RED
VT	VIOLET
WH	WHITE
YE	YELLOW



Key	Description	Ref. No.
ALT	ALTERNATOR	33019147
BAT	BATTERY	33019628
BE1	PIVOTING LIGHT	56305223
BZ1	REVERSE GEAR BUZZER	146 2487 000
ES1	VACUUM SYSTEM RELAY	146 3113 000
ES2	FILTER SHAKER RELAY	146 3113 000
ES3	LPG SAFETY RELAY	33009141
EV2	LPG SOLENOID VALVE	-
EV3	LPG SAFETY SOLENOID VALVE	33017756
F1	VACUUM SYSTEM CIRCUIT BREAKER (30 A)	909 5706 000
F2	FILTER SHAKER CIRCUIT BREAKER (16 A)	33017360
F3	WATER PUMP CIRCUIT BREAKER (10 A) (OPTIONAL)	33017361
F4	IGNITION KEY CIRCUIT BREAKER (30 A)	909 5706 000
F5	ENGINE ACCESSORY CIRCUIT BREAKER (16 A)	33017360
F6	WORKING LIGHT FUSE (10 A) (OPTIONAL)	33017361
F8	CAB BLOWER CIRCUIT BREAKER (OPTIONAL)	-
F10	ALTERNATOR FUSE BOX AND FUSE (50 A)	146 1873 000
F11	HOOD INNER LIGHT FUSE (1 A) (OPTIONAL)	-
HN	HORN	145 3801 000
K1	IGNITION SWITCH	145 3761 000
L1	FRONT WORKING LIGHT (OPTIONAL)	146 1587 000
L2	FRONT WORKING LIGHT (OPTIONAL)	146 1587 000
L3	DRIVER'S SIDE WORKING LIGHT (OPTIONAL)	56507830
L4	REAR WORKING LIGHT (OPTIONAL)	56507830
L5	HOOD INNER LIGHT (OPTIONAL)	56305627
M1	VACUUM SYSTEM MOTOR	33015222
M2	FILTER SHAKER MOTOR	146 1104 000
M3	WATER PUMP MOTOR (OPTIONAL)	33019329
M4	CAB BLOWER (OPTIONAL)	-
MST	STARTER	-
SE1	OIL PRESSURE SENSOR	-
SE2	WATER TEMPERATURE SENSOR	-
SE3	CLOGGED AIR FILTER SENSOR (OPTIONAL)	56305518
SE6	HOPPER TEMPERATURE SENSOR (OPTIONAL)	56507029
SE7	ENGINE SPEED SENSOR	-
SE8	LOW FUEL SENSOR	33019307
SPK	GLOW PLUG COILS	-
STR	GAUGE	33017228
SW1	VACUUM SYSTEM/FILTER SHAKER SWITCH	33018843
SW2	HORN SWITCH	33018844
SW3	DRIVER'S SEAT MICROSWITCH	-
SW4	REVERSE GEAR PROXIMITY SENSOR	33018521
SW5	CAB BLOWER SWITCH (OPTIONAL)	-
SW6	WATER PUMP SWITCH (OPTIONAL)	33019325
SW7	WORKING LIGHT SWITCH (OPTIONAL)	-
SW13	DRIVER'S SIDE WORKING LIGHT SWITCH (OPTIONAL)	-
SW14	REAR WORKING LIGHT SWITCH (OPTIONAL)	-
SW15	HOOD INNER LIGHT SWITCH (OPTIONAL)	-
T1	FILTER SHAKER TIMER	33017359
T2	FILTER SHAKER TIMER 2	33017385
T3	DRIVER'S SEAT TIMER	33019197
T4	TIMER LPG	33017388
Color		
BK	BLACK	
BU	LIGHT BLUE	
BN	BROWN	
GN	GREEN	
GY	GREY	
OG	ORANGE	
PK	PINK	
RD	RED	
VT	VIOLET	
WH	WHITE	
YE	YELLOW	



Item	Description	Ref. No.
1	OIL TANK	33018809
2	OIL FILTER	33010199
3	DRIVE SYSTEM PUMP	33019104
4	GEAR PUMP	33018874
5	DRIVE SYSTEM MOTOR	33018793
6	POWER STEERING	33017051
7	STEERING CYLINDER	33018808
8	PRIORITY VALVE	33018816
9	MANIFOLD 3 LEVERS	33018812
10	HOPPER LIFTING CYLINDER	33018811
11	SKIRT CYLINDER	33018802
12	MAIN BROOM MOTOR	33018872
13	MAIN BROOM CYLINDER	33018802
14	MANIFOLD 1 LEVER	33018815
15	RIGHT SIDE BROOM MOTOR	33018807
16	RIGHT SIDE BROOM CYLINDER	33018802
17	CHECK VALVE	33018840
18	ONE-WAY VALVE	
19	DOUBLE CHECK VALVE	33018816
20	MANIFOLD BLOCK	
21	LEFT SIDE BROOM MOTOR (OPTIONAL)	33018807
22	LEFT SIDE BROOM CYLINDER (OPTIONAL)	33018802
23	OIL COOLER	33018873

RECOMMENDED SPARE PARTS

2009-06

62

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Ref. No.	Qty	Description	Version
146 1104 000	1	MOTOR FILTER SHAKER 90W	Diesel - LPG
33017255	1	BROOM SIDE PPL 1,4-1,7	Diesel - LPG
33017375	1	DECAL GAUGE PANEL	Diesel - LPG
33017129	1	TRIM EDGE BULB L 670MM	Diesel - LPG
33018803	1	LATCH KIT	Diesel - LPG
33018634	1	GASKET ASSY FILTER L 2560	Diesel - LPG
33019102	1	PIN SIDE BROOM KIT	Diesel - LPG
33018812	1	DISTRIBUTOR 3 ELEMENTS KIT	Diesel - LPG
33018815	1	DISTRIBUTOR 1 ELEMENT KIT	Diesel - LPG
33018816	1	VALVE PRIORITY KIT	Diesel - LPG
33018817	1	CUTOFF VALVE DOUBLE KIT	Diesel - LPG
33018840	1	CUTOFF VALVE KIT	Diesel - LPG
33018841	1	FOOT PEDAL UPPER KIT	Diesel - LPG
33018864	1	INDICATOR LEVEL FUEL KIT	Diesel - LPG
33018866	1	SUPPORT BEARING KIT	Diesel - LPG
33018867	1	ROD SPRING KIT	Diesel - LPG
33018868	1	LEVER WELDT KIT	Diesel - LPG
33018869	1	ROD LEVER KIT	Diesel - LPG
33017234	1	TUBE RADIATOR	Diesel - LPG
33017233	1	TUBE RADIATOR	Diesel - LPG
145 0231 000	1	AIR FILTER	Diesel - LPG
33020016	1	LPG REGULATOR	LPG
33020017	1	STARTER	LPG
33020018	1	BELT ALTERNATOR	LPG
33018851	1	FILTER OIL ENGINE	LPG
33017171	1	FLAP SIDE	Diesel - LPG
33017172	1	FLAP SIDE	Diesel - LPG
33017173	2	FOAM HOPPER SIDE	Diesel - LPG
33017174	1	FLAP REAR BROOM	Diesel - LPG
33009649	1	WHEEL PNEUMATIC	Diesel - LPG
33016901	2	WHEEL ASM WITH BEARINGS	Diesel - LPG
33016950	1	GASKET	Diesel - LPG
L08603675	4	NUT THUMB, FIXING	Diesel - LPG
33017259	1	MAT PEDAL	Diesel - LPG
33003175	1	BEARING 32007	Diesel - LPG
145 4691 000	1	BEARING	Diesel - LPG
33010199	1	FILTER HYDRAULIC OIL	Diesel - LPG
33011530	1	PLUG	Diesel - LPG
33017228	1	GAUGE 12V	Diesel - LPG
145 3761 000	1	SWITCH KEY	Diesel - LPG
146 0073 00	1	KEY (1PC)	Diesel - LPG
33017385	1	RELAY TIMER 0,5 SEC.	Diesel - LPG
33017358	1	HARNES RELAY ENGINE VERSION	Diesel - LPG
33017359	1	RELAY TIMER 20 SECONDS	Diesel - LPG
33017360	1	CIRCUIT BREAKER 16A	Diesel - LPG
909 5706 000	3	CIRCUIT BREAKER 30A	Diesel - LPG
33017199	1	SPRING	Diesel - LPG
33002106	1	SPRING	Diesel - LPG
33015222	1	MOTOR VACUUM 12V	Diesel - LPG
8-24-04139-1	1	PANEL FILTER	Diesel - LPG
33017252	1	FILTER FUEL	Diesel
33018850	1	FILTER OIL ENGINE	Diesel
33019147	1	ALTERNATOR 12V 60 AH	Diesel - LPG
33019149	1	STARTER 12V	Diesel
33019148	1	BELT ALTERNATOR	Diesel
33019628	1	BATTERY	Diesel - LPG
33017388	1	TIMER LPG	LPG
33019197	1	DRIVER'S SEAT TIMER	Diesel - LPG
33018521	1	REVERSE GEAR PROXIMITY SENSOR	Diesel - LPG
33019307	1	LOW FUEL SENSOR	LPG
33017756	1	LPG SAFETY SOLENOID VALVE	LPG
33019306	1	VALVE SECURITY 400PSI	LPG
33019998	2	PLATE FOR SPEED LIMITING	Diesel - LPG

Item	Ref. No.	Qty	Description
	8-24-04139-2	1	PANEL FILTER WATER RESISTENT
	33018889	1	BROOM SIDE PPL 1,5/STEEL
	33018890	1	BROOM SIDE NYLON 0,5
	33018856	1	BROOM MAIN SPIRAL NYLON 1.2
	33018857	1	BROOM MAIN SPIRAL PPL 0.5 WHITE NAVY
	33018859	1	BROOM MAIN SPIRAL UNION MIX
	33019173	1	LEFT SIDE BROOM KIT
	33019175	1	PRE MISTING SYSTEM KIT
	33019172	1	WHEEL SOLID KIT
	33019139	1	WHEEL SOLID NON MARKING KIT
	33019171	1	OVER HEAD GUARD KIT
	33019176	1	POCKET FILTER KIT 12V
	33019174	1	TILT STEERING
	56507740	1	POCKET WATER RESISTANT FILTER
	56507027	1	FIRE EXTIGUISHER KIT
	56508663	1	MIRROR KIT
	33019554	1	SEAT BELT KIT
	33019570	1	MAT FLOOR KIT
	33019572	1	GUARD REAR BUMPER KIT
	33019558	1	FRONT LIGHT 12V KIT
	33019573	1	HOPPER STOP KIT
	33019574	1	BACKUP ALARM KIT
	56305223	1	PIVOTING LIGHT
	56507830	1	DRIVER'S SIDE WORKING LIGHT
	56507830	1	REAR WORKING LIGHT
	56305627	1	HOOD INNER LIGHT
	56305518	1	CLOGGED AIR FILTER SENSOR
	56507029	1	HOPPER TEMPERATURE SENSOR



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