

E26ECO Floor Scrubber Traction Drive Disc



PREFACE

Thank you for your purchase of the new industry standard for scrubbers. Minuteman International takes great pride in offering the most dependable, reliable and best value in industrial power sweepers and sweeper / scrubbers. We set the standard.

Our Customer Service Department would like to hear from you. If you see any errors, omissions or something that needs clarification in this Parts Catalog please let us know. We are working hard towards continually improving our processes to bring you the best you deserve. Please copy the form below, fill out and comment on how you found our catalog.

Thank you!

The Minuteman International Team

Name: _____

Title: _____

Company Name: _____

Address: _____

Country: _____

Type of equipment or model number: _____

Comments: _____

Please return to:

Customer Service Manager
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Pingree Grove, Illinois 60140 USA

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Technical Specifications

Model E26ECO Traction Drive Disc

Model No. E26ECO / E26ECOQP / E26ECOQPG
H26ECO / H26ECOQP / H26ECOQPG

Current (Max)	40 amps
Battery Capacity (Lead Acid)	140Ah @20 hr
Battery Capacity (AGM)	100Ah @20 hr
Sound Level	69 dBA
Cleaning path width	26 in (65 cm)
Squeegee width	38 in (95 cm)
Productivity	30,810 ft ² /hr (2830 m ² /hr)
Working Speed	2.7 mph (4.3 km per hr)
Transport Speed	2.7 mph (4.3 km per hr)
Rated voltage	24 volts
Vacuum flow	65 cfm (110 m ³ /hr)
Vacuum waterlift	45 inches (112mbar)
Vacuum power	.60 HP (450 W)
Brush type	Disc
Brush motor(s) power	3/4 HP (550W)
Number of brushes	2
Brush RPM	180 RPM
Solution capacity	12Gal (45 liters)
Recovery capacity	13 Gal (49 liters)
Working Grade	2%
Weight with batteries	370lbs (168 kg)
Weight without batteries	235 lbs (107 kg)
Dimensions (LxWxH)	48 x 26.0 x 38.0 (112.8 x 47.8 x 107.4 cm)
Drive Motor Power	1/5 HP (150W)

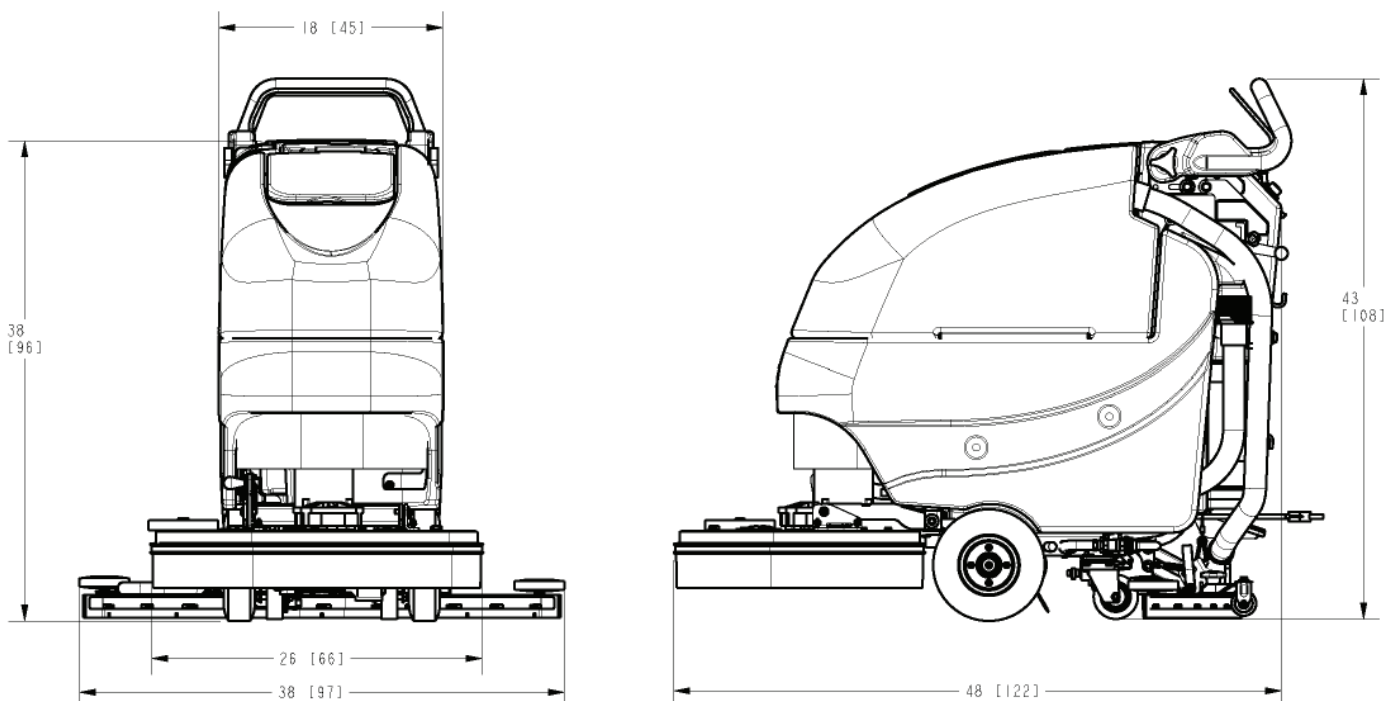
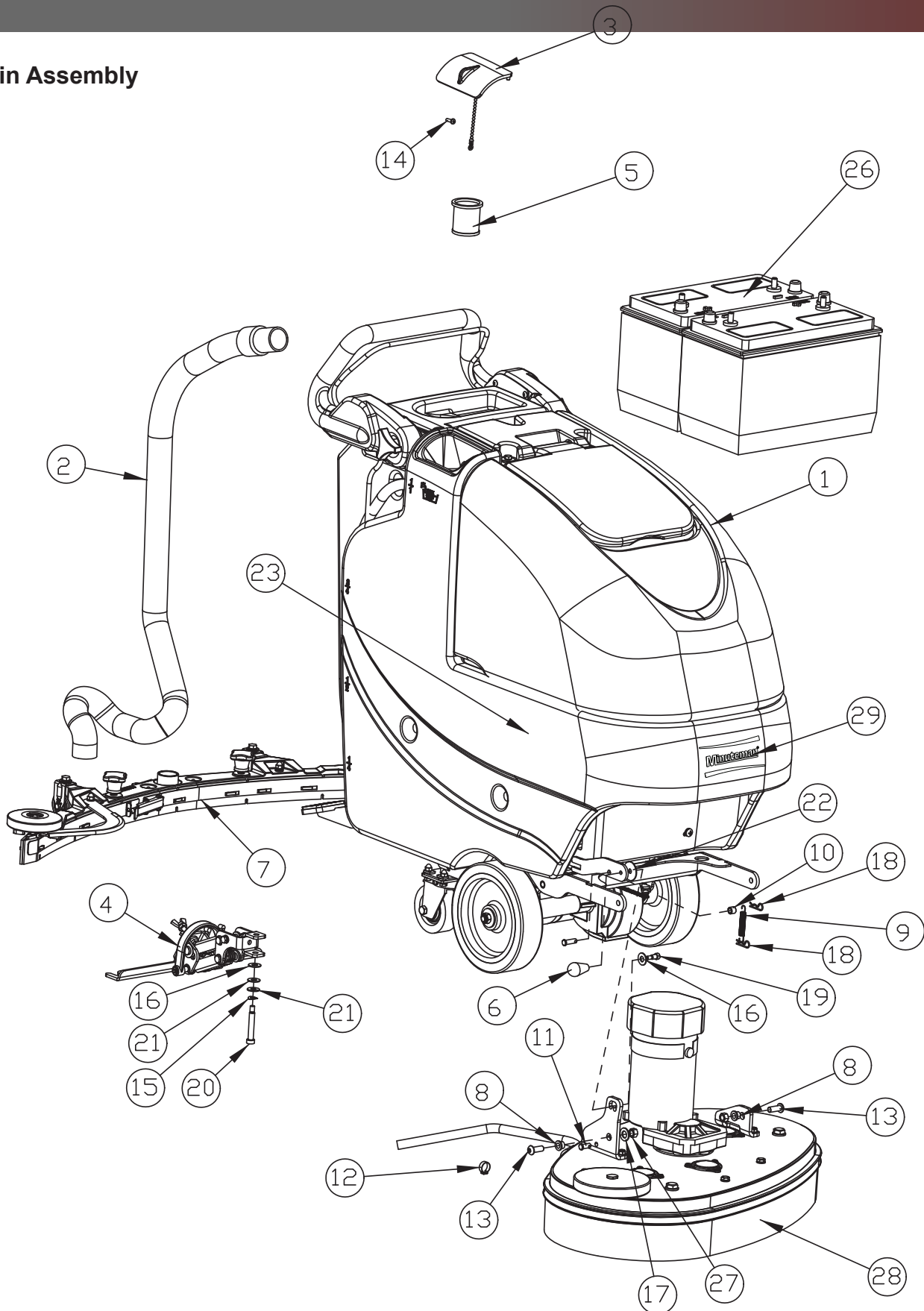


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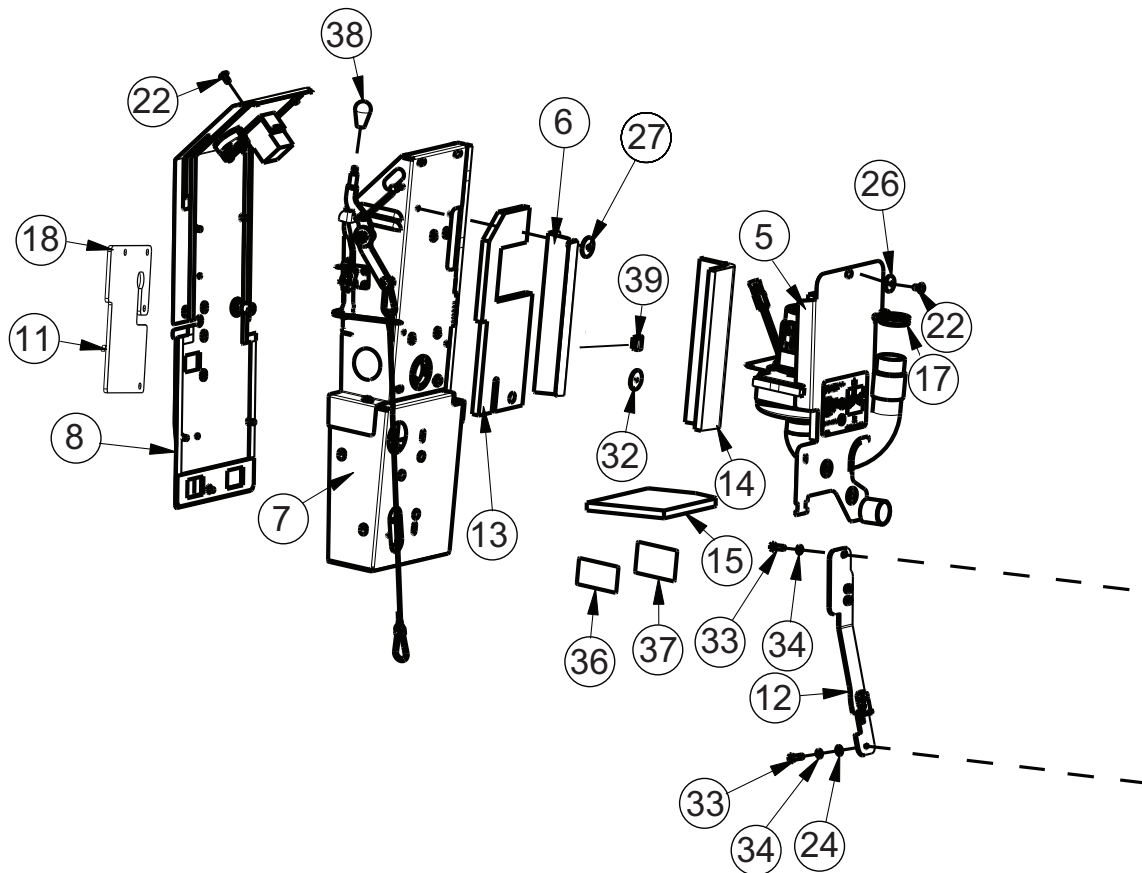
Main Assembly

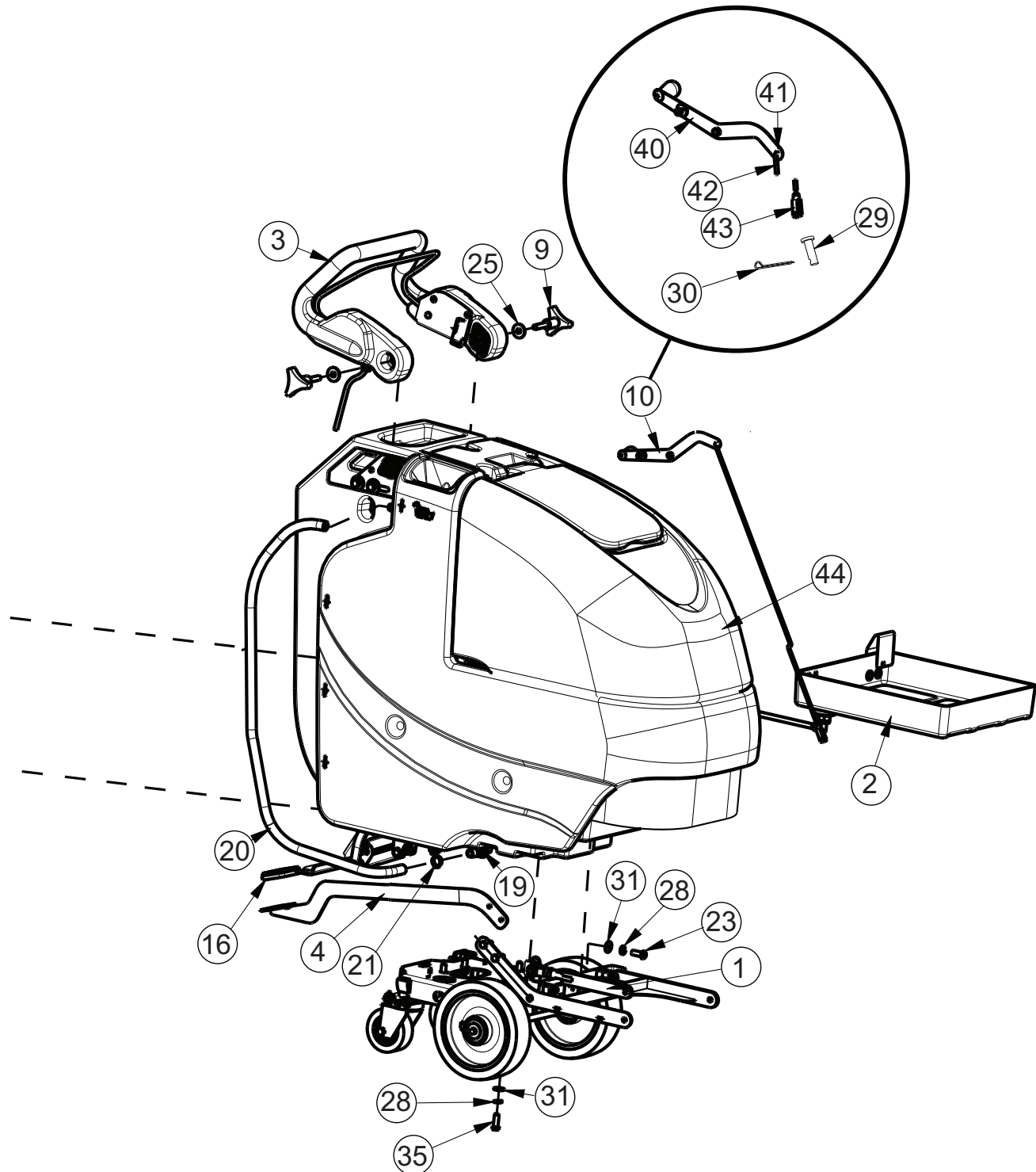


Main Assembly BOM

BILL OF MATERIAL			
ITEM	PART NO.	REQ'D	DESCRIPTION
1	***		MAIN ASEMBLY
2	172010	1	HOSE, CLEAR VAC W/ 90 CUFF
3	172018	1	SOLUTION TANK LID ASSY
3a	172008	1	SOLUTION TANK LID
3b	172123	1	CHAIN, BEADED SS W/EYELET S
3c	712145	1	SCR-MC 6-32 X .37 PPH SS
4	172150	1	SQUEEGEE LIFT MECH ASSY
5	172159	1	FILTER, FILL PORT , ES1720
6	172423	1	KNOB, TAPERED 1/4-20
7	172538	1	38" SQUEEGEE ASM, E26, E26ECO
8	260066	2	OILITE BUSHING
9	281047	1	SPRING, EXTENSION - 2.75"
10	370058	1	BUSHING, .31 X .48X.385 SS
11	450034	1	CLEVIS PIN, 5/16 X .75 LG
12	450076	1	CLAMP-CRIMP 185R SS
13	710995	2	SCR-SC 3/8-24 X 1.0 BHEAD ST PL
14	711118	1	SCR-ST-A 10 X .75 SS
15	711523	1	WSR-WAVE .37X .68 X .08
16	711569	2	WSR-FLT .390 X .880 X .062 NYL
17	711592	1	WSR-FLAT .506 X .9 X .064 NYL
18	711808	2	COTTER PIN-HAIR #13
19	712041	1	BLT- SHLDR .31 X .375 X 1/4-20
20	712143	1	BLT-SHLD 3/8 X 2.0, 5/16-18
21	712301	2	WSR-FLAT .37 X .87 X .06
22	712759	1	WSR- FLT .31 X 1.37 X .06 SS
23	715921	2	DECAL, E26ECO
23H	715921HSP	2	DECAL, H26ECO
24	740164-1	1	JUMPER CABLE ASSY, RED 4G 12" (NOT SHOWN)
25	747749	1	CABLE ASY, BATTERY- E1720 RING TERM (NOT SHOWN)
26	956704	2	BATTERY, 12V 155AH(T1275 EHPT)
26G	956157	2	BATTERY, 12V 102AH AGM(901899)
27	3400067	2	NUT-HEX 3/8-24 ZP
28	99711100	1	26ECO DISC BRUSH DECK
29	715914W	1	DECAL, MINUTEMAN W/SWOOSHES, WHITE

Traction Drive Disc Assembly



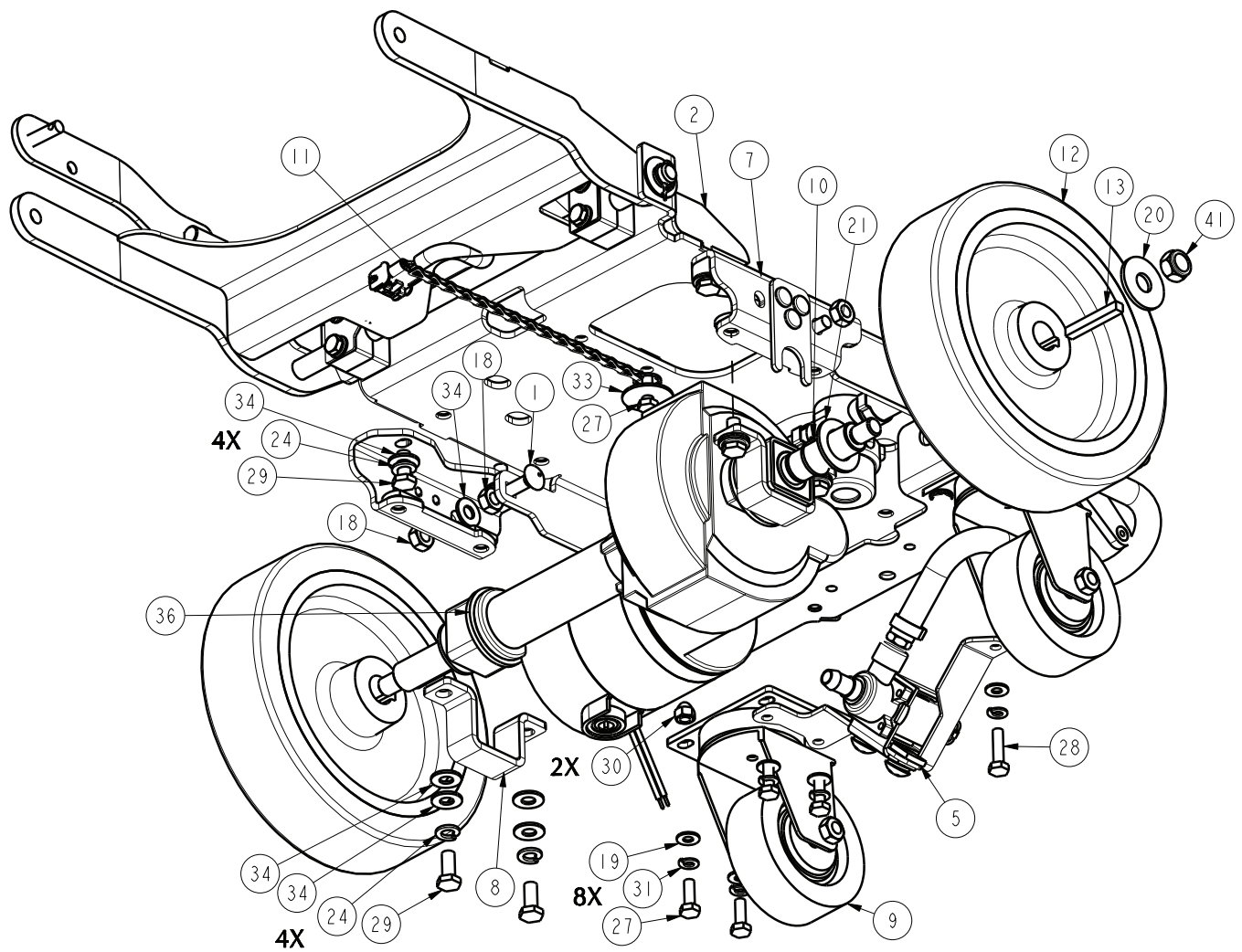


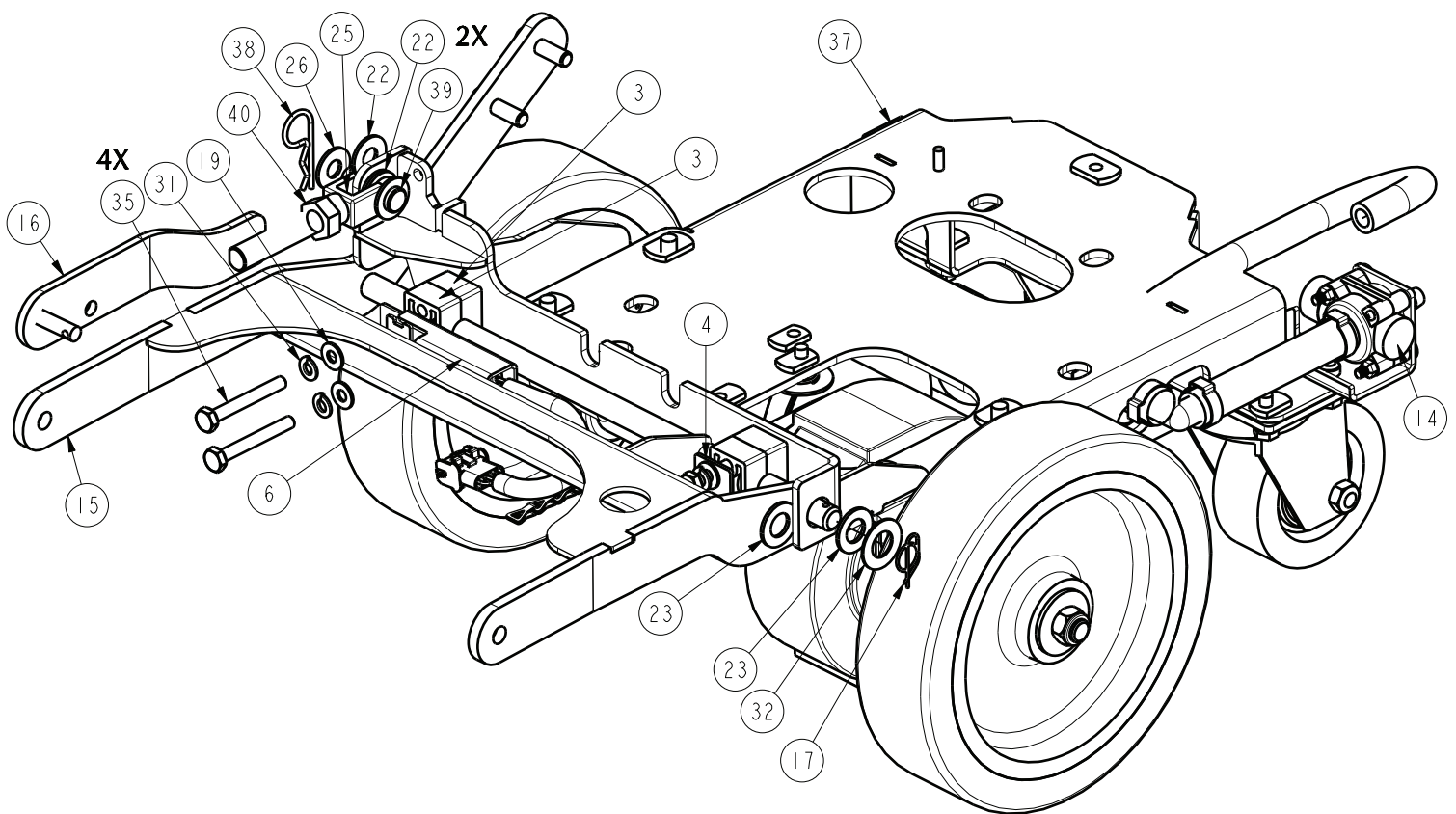
Traction Drive Disc Assembly BOM

BILL OF MATERIAL			
ITEM	PART NO.	REQ'D	DESCRIPTION
1	172409	1	CHASSIS ASM, E26ECO
2	172012	1	BATTERY TRAY ASSY
3	172015-26	1	HANDLE ASSEMBLY, E26ECO
4	172032	1	LIFT PEDAL WMT
5	171022	1	VACUUM MOTOR ASSEMBLY
6	172055	1	BKT, VAC AREA INSIDE COVER
7	171020-ECO	1	ELEC BOX ASSY - ECO
8	172182	1	TD COVER WMT
9	172085	2	KNOB, 3/8-16 STUD, 3 LOBE
10	172112	1	SOL CONTROL ASSY
11	172129	1	BKT, PWR CORD MOUNT
12	172032	1	LIFT PEDAL WMT
13	172184	1	FOAM COVER, REAR 1
14	172185	1	FOAM COVER, REAR 2
15	172187	1	FOAM COVER, FRONT 2
16	210142	1	PEDAL PAD
17	3303255	1	CLAMP-HOSE 1.75 DIA NOMINAL
18	293080	1	STRAIN RELIEF-HEYCO 1207
19	342440	1	FITTING, TEE 3/4MPT 1/2BARB PP
20	430156	1	HOSE, 1/2 X 42 CLEAR
21	450093	2	CRIMP CLAMP 3/4" STEPLESS
22	710178	10	SCR-MC 1/4-20 X .50 TRUSS STPL
23	710985	2	SCR-SC 3/8-16 X .62 ST PL
24	711504	2	WSR-FLAT 1/4 ID SS
25	711507	2	WSR-FLAT .37 X 1.12 X .06
26	711519	3	WSR- FLAT .25 X 1.01 X .06
27	711543	1	WSR-HELICAL #10
28	711546	6	WSR-HELICAL 3/8
29	711803	1	COTTER PIN-HAIR
30	712117	1	CLEVIS PIN
31	712301	6	WSR-FLAT .37 X .87 X .06
32	712312	2	WSR-FLAT .187 X 1.25
33	712562	2	BOLT-HH 1/4-20X3/4 SS
34	712758	2	WSR-HELICAL 1/4 SS

BILL OF MATERIAL			
ITEM	PART NO.	REQ'D	DESCRIPTION
35	713042	4	BLT-HH 3/8-16 X 1 #5
36	715029	1	DECAL-NAME PLATE SERIAL
37	715047	1	DECAL-CLEAR LAMINATE 2X3
38	760592	1	KNOB, OVAL TAPERED
39	809443	1	CLIP-WIRE & CORD
40	172115	1	SOL CNTRL LEVER ASSY
41	172122	1	NUT, PUSH-ON WSR CAP, 3/16
42	172069	1	ROD, SOL. CTRL, ES1720
43	172062	1	YOKE, 3/16 CLEVIS, 10-32, LONG
44	171010-ECO	1	17/20 ECO ASSY

Chassis Assembly



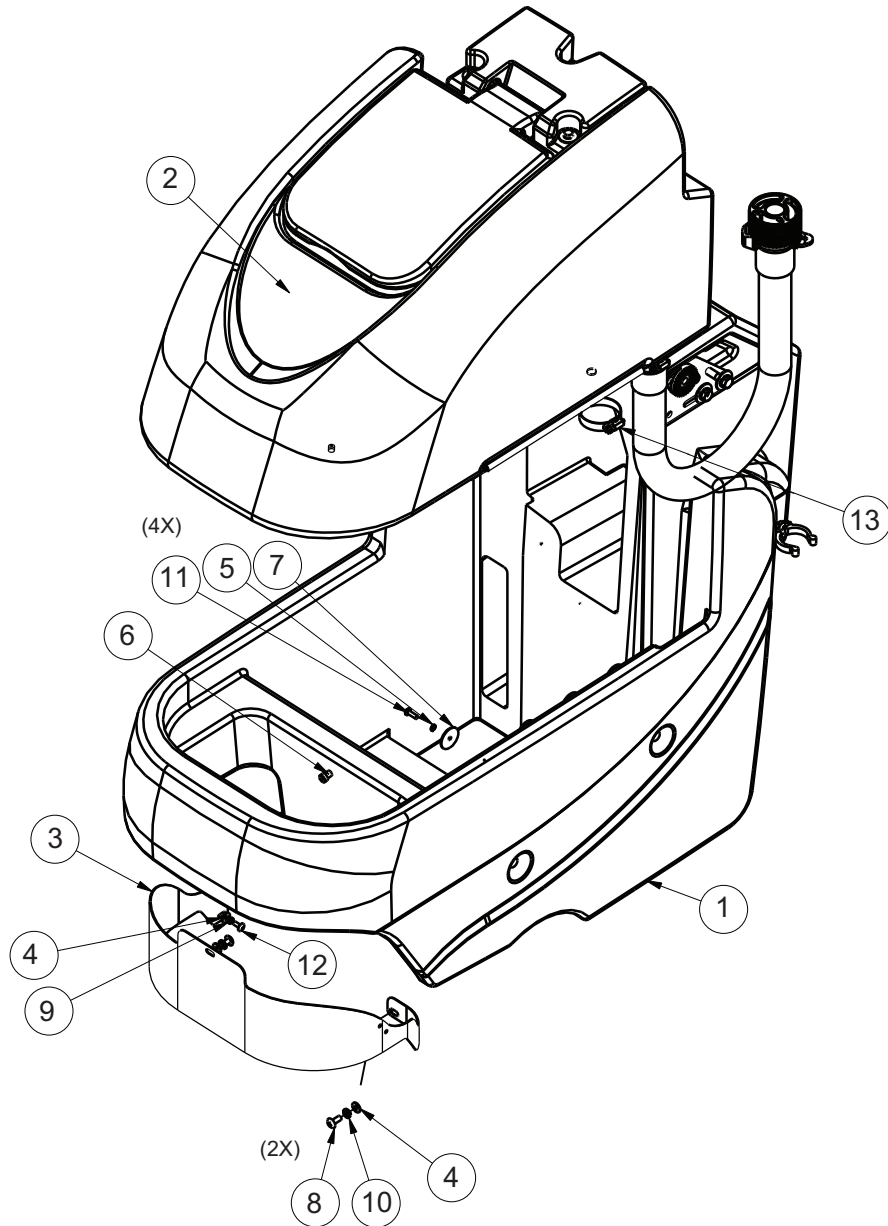


Chassis Assembly BOM

BILL OF MATERIAL			
ITEM	PART NO.	REQ'D	DESCRIPTION
1	70-516-16	2	BLT-CARR 5/16-18 X 1 ZP
2	172020	1	E1720 MAIN FRAME WMT
3	172038	4	BEARING BLOCK
4	172039	1	BEARING BLOCK PLATE
5	172104	1	SOLENOID MOUNT ASSY
6	172110	1	DECK SWITCH ASSY
7	172113	2	BKT, TRANSAXLE MOUNT BASE
8	172114	2	BKT, TRANSAXLE MOUNT
9	172167	2	CASTER, 3 1/2" PU WHEEL
10	172425	2	RING-RET EXT .75/20mm HD
11	172516	1	DRAG CHAIN, SS, 8" W/ RING
12	172518	2	WHEEL, 8X2 PU GROOVED
13	172519	2	KEY-SQUARE 6MM X 45MM
14	172571	1	ASSY-SOLUTION VALVE E1720
15	245700	1	WELDMENT, SH LIFT ARM, 2 DEGREE
16	245703	1	WELDMENT, UPPER ARM
17	600578	1	RING-RUE .50 ZP
18	711383	4	NUT-HEX 5/16-18 ZP REVERSE LOC
19	711504	12	WASHER-FLAT 1/4 SS
20	711510	2	WASHER-FLAT 1/2 X 1.37 X .10 ZP
21	711512	2	WASHER-FLAT 3/4 X 1.37 X .08 ZP
22	711569	3	WASHER-FLAT .390 X .880 X .062 NYL
23	711592	2	WASHER-FLAT 1/2 X .90 X .064 NYLON
24	712140	8	WASHER-LOCK 5/16 SPLIT SS
25	712265	1	CLEVIS-YOKE, 1/2-20 WITH .375 PIN
26	712301	2	WASHER-FLAT 3/8 X .87 X .06 ZP
27	712562	8	SCR-HH 1/4-20 X .75, 18-8 SS
28	712564	1	SCR-HH 1/4-20 X 1.00 SS
29	712575	8	SCR-HH 5/16-18 X .75 18-8 SS
30	712591	2	NUT-ACORN 1/4-20 SS
31	712758	12	WASHER-LOCK 1/4 SPLIT SS

BILL OF MATERIAL			
ITEM	PART NO.	REQ'D	DESCRIPTION
32	712760	1	WASHER-FLAT .56 X 1.06 X .04 SS
33	712761	1	WASHER-FENDER 1/4 X 1.25 X .059 SS
34	712772	14	WASHER-FLAT .344 X .75 X .06 SS
35	713007	4	SCR-HH 1/4-20 X 2.00 ZP GR 5
36	747606	1	TRANSAXLE, E1720 24V
37	809444	1	CLIP-CORD
38	833374	1	PIN-HAIRPIN COTTER 3/8
39	833833	1	PIN-CLEVIS 3/8 X 1.25
40	3400449	1	NUT-JAM 1/2-20 ZP
41	12040077	2	NUT-NYLOC M12 X 1.75 ZD CLASS 8

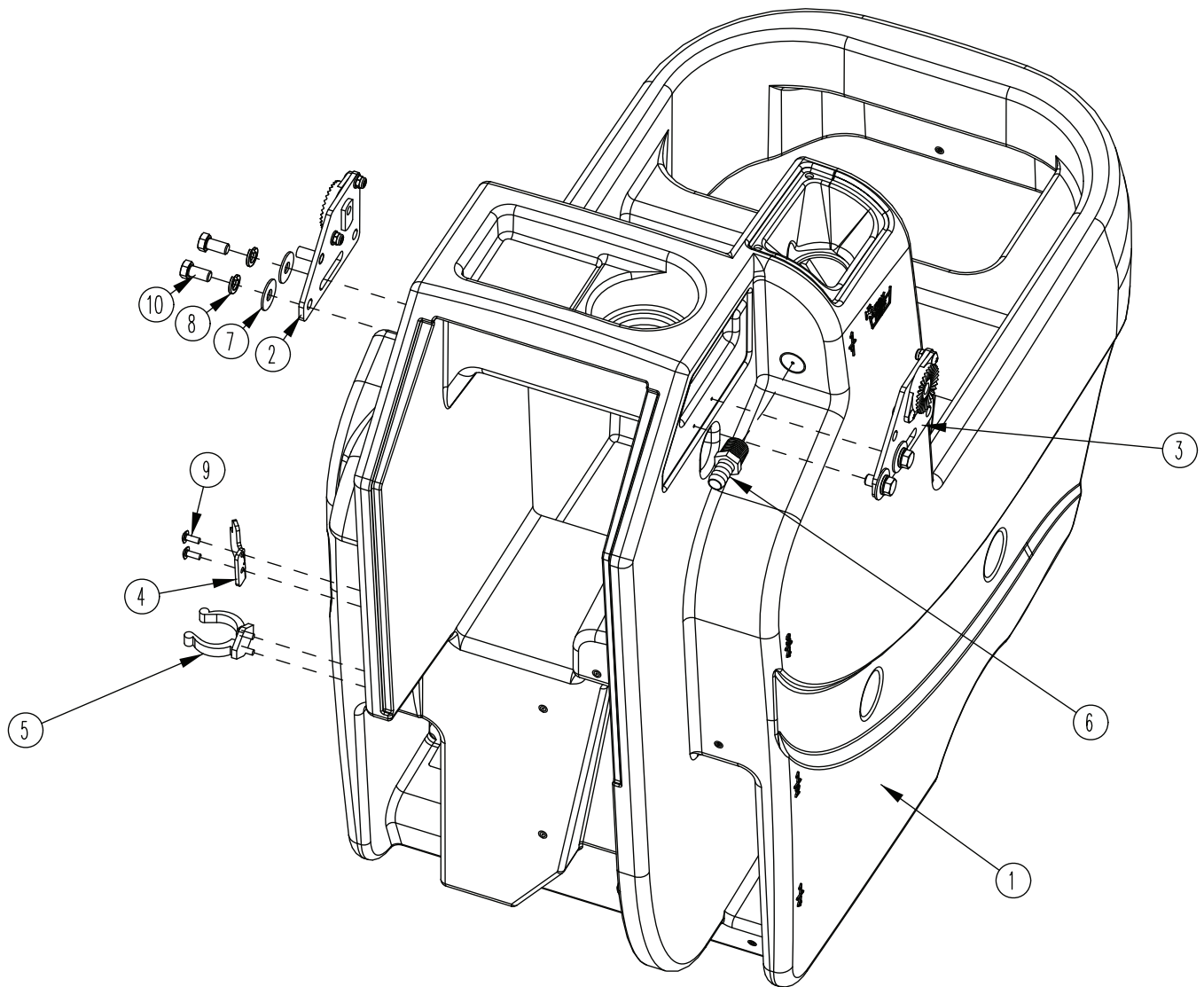
Base Assembly



Base Assembly BOM

BILL OF MATERIAL			
ITEM	PART NO.	QTY	DESCRIPTION
1	172013	1	SOL TANK ASSY, E1720
2	172014	1	REC TANK ASSY
2H	172014HSP		REC TANK ASSY-HSP VERSION
3	172144	1	PANEL, FRONT 1720
4	711504	3	WSR-FLAT 1/4 ID SS
5	711543	4	WSR-HELICAL #10
6	712041	1	BLT- SHLDR 1/4-20 X .44 X .37
7	712312	4	WSR-FLAT .187 X 1.25
8	712565	2	SCR-MC 1/4-20X.63 SS TR HD
9	712757	1	WSR - HELICAL #10 SS
10	712758	2	WSR-HELICAL 1/4 SS
11	712812	4	SCR-MC 10-24 X .62 PPH ST PL
12	712822	1	SCR-MC TR HD 10-24 X .50 SS
13	3303255	1	CLAMP-HOSE 1.75 DIA NOMINAL

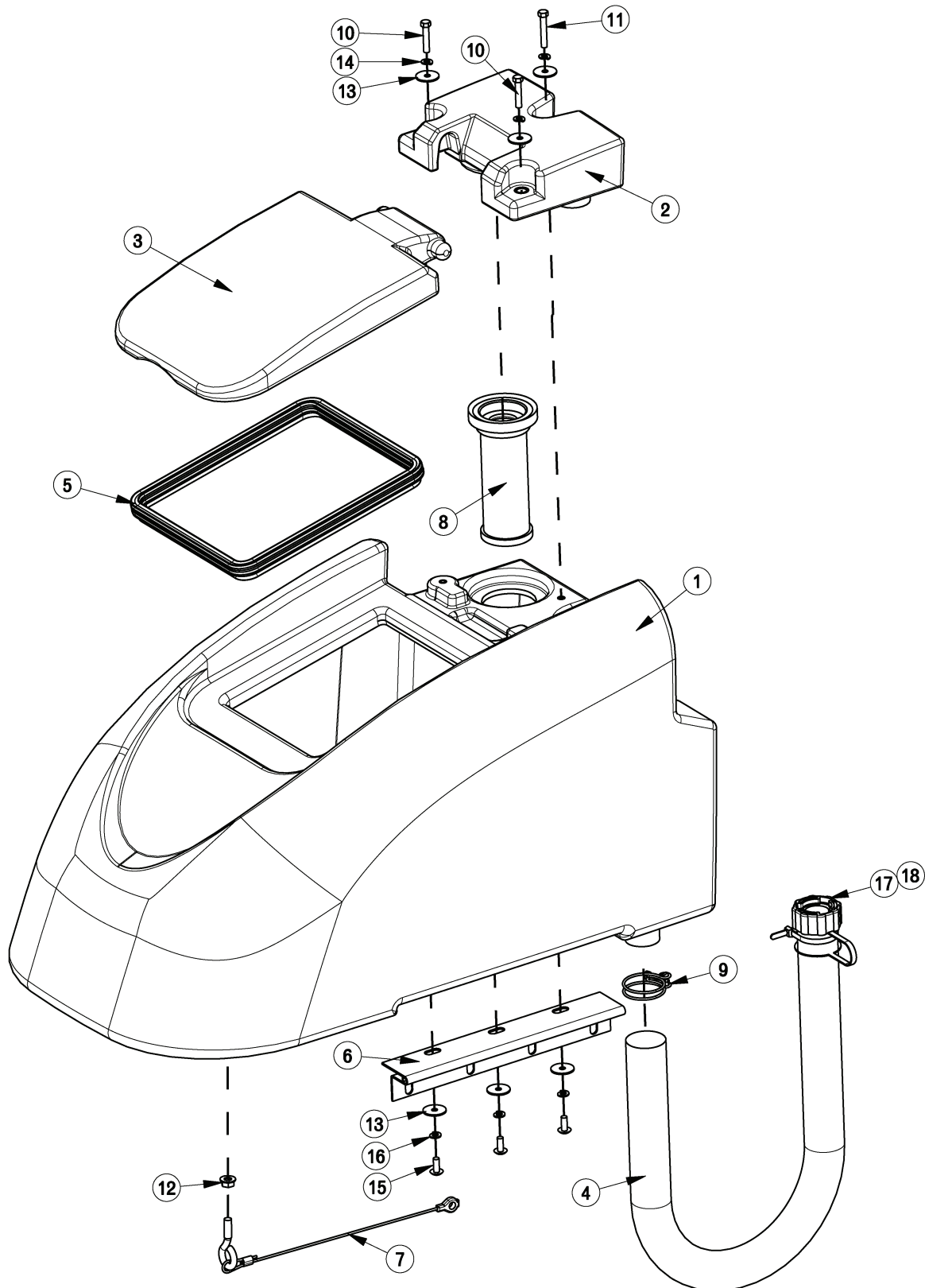
Solution Tank Assembly



Solution Tank Assembly BOM

BILL OF MATERIAL - 172013			
ITEM	PART NO.	REQ'D	DESCRIPTION
1	172003	1	SOLUTION TANK
2	172080	1	HANDLE MOUNT ASSY , LEFT
3	172082	1	HANDLE MOUNT ASSY , RIGHT
4	172341	1	HOOK , DRAIN HOSE WITH TWIST VALVE
5	260579	1	TOOL CLIP , 1.5" HOSE
6	342438	1	FITTING , 1/2 MPT 1/2 HB BRASS
7	711507	4	WASHER-FLAT 3/8 X 1.12 X .06
8	711546	4	WSR-HELICAL 3/8
9	712822	4	SCR-MC TR HD 10-24 X .50 SS
10	713041	4	BLT-HH 3/8 -16 X 3/4 #5

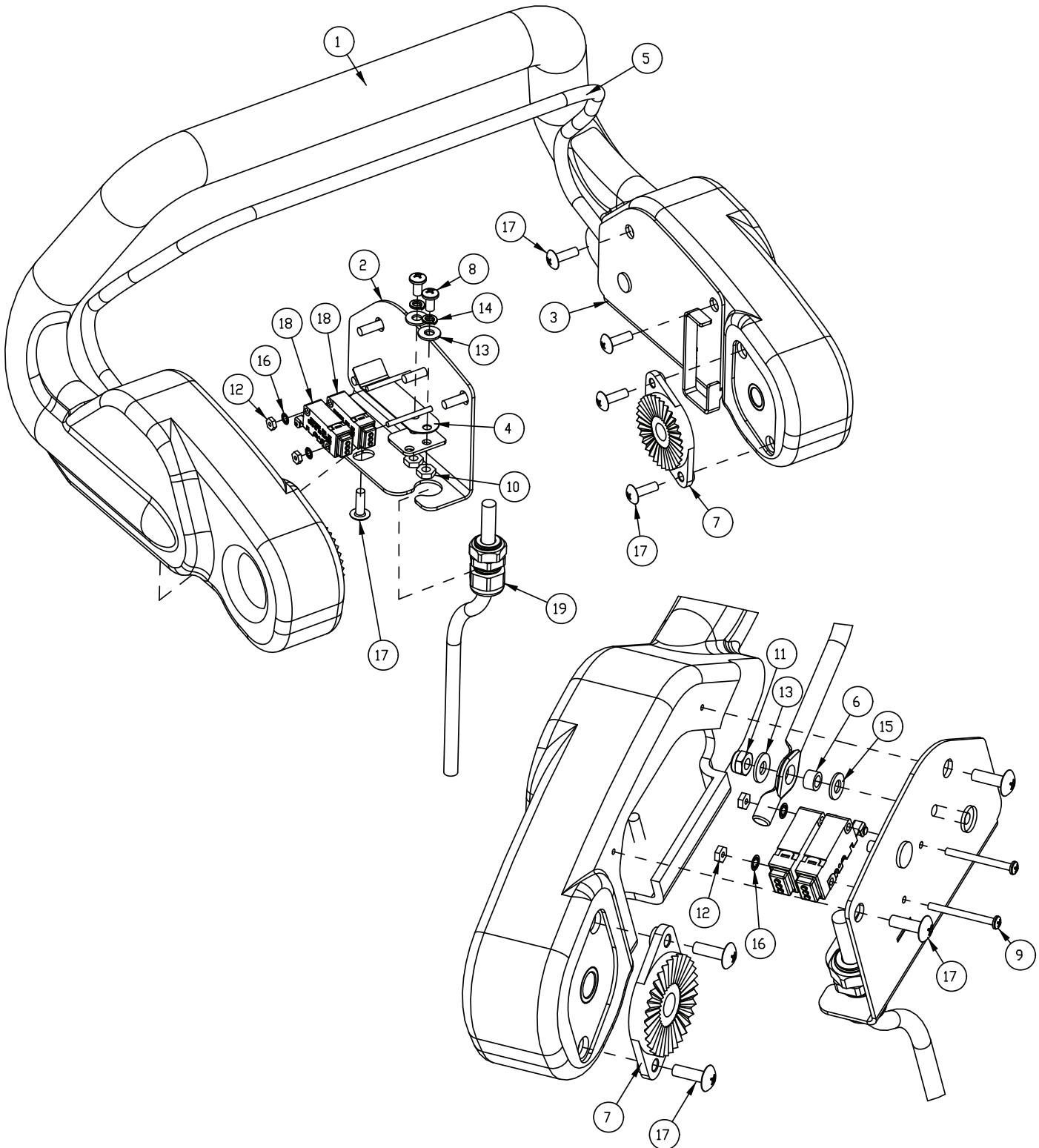
Recovery Tank Assembly



Recovery Tank Assembly BOM

BILL OF MATERIAL - 172014			
ITEM	PART NO.	REQ'D	DESCRIPTION
1	172004	1	RECOVERY TANK
1H	172004HSP		RECOVERY TANK-HSP VERSION
2	172005	1	VACUUM MANIFOLD
2H	172005HSP		VACUUM MANIFOLD-HSP VERSION
3	172007	1	LID
4	97090096	1	DRAIN HOSE ASSY, RECOVERY TANK
5	172017	1	GASKET, LID
6	172049	1	HINGE, RECOVERY TANK
7	172394	1	REC TANK CABLE ASSY 11.625
8	172132	1	SCREENED FLOAT
9	3303255	1	CLAMP-HOSE 1.75 DIA NOMINAL
10	711210	2	BLT-HH 1/4-20 X 1.25 STPL
11	711212	1	BLT-HH 1/4-20 X 1.50 STPL
12	711379	1	NUT, FLANGED WIZZ 5/16-18
13	711519	6	WSR- FLAT .25 X 1.01 X .06
14	711544	3	WSR-HELICAL 1/4
15	712565	3	SCR-MC 1/4-20X.63 SS TR HD
16	712758	3	WSR-HELICAL 1/4 SS
17	15282072	1	REPLACEMENT O-RING
18	90304528	1	REPLACEMENT CAP

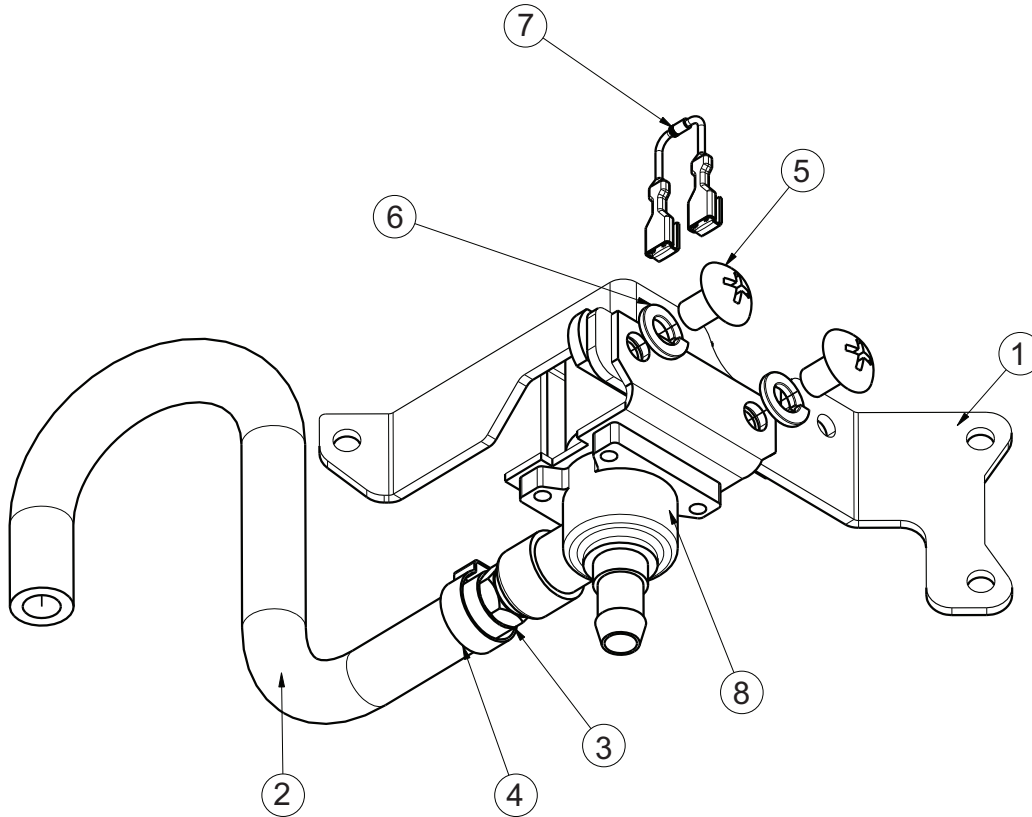
Handle Assembly



Handle Assembly BOM

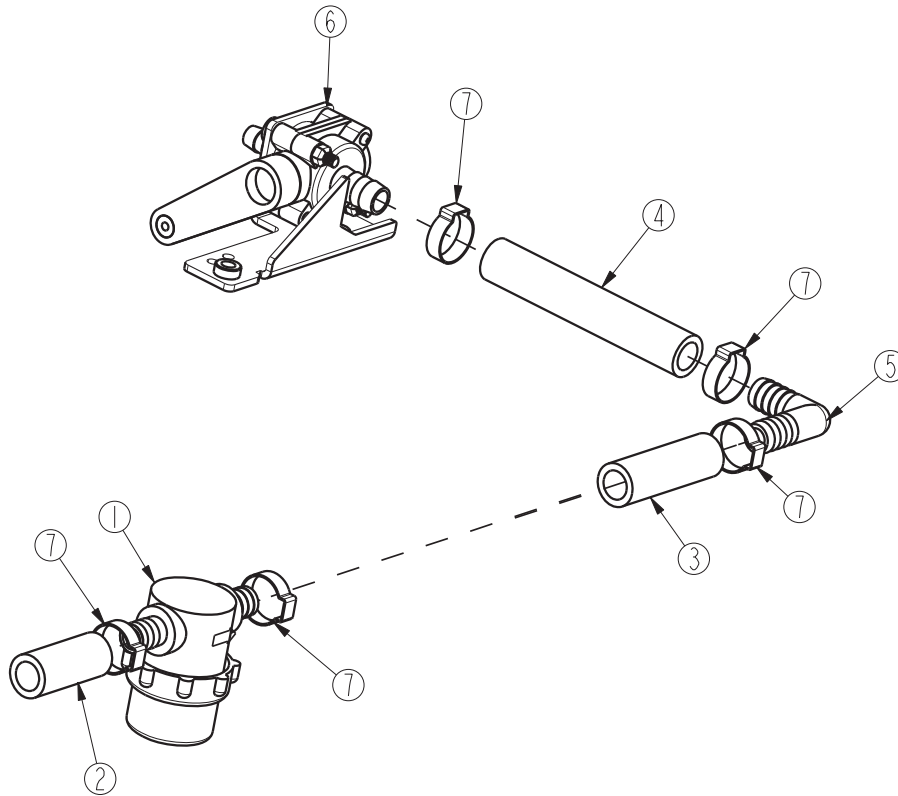
BILL OF MATERIAL 172015			
ITEM	PART NO.	REQ'D	DESCRIPTION
1	172006	1	ES 1720 HANDLE
2	172053	1	BAIL PLATE WMT RH
3	172054	1	BAIL PLATE WMT LH
4	172057	2	ES 1720 LEAF SPRIN G
5	172059	1	ES 1720 BAIL , HANDLE
6	172074	2	SPACER , 5/16 OD X 17 GA, ALUM
7	270143	2	HAND LE PIVOT JAW
8	710353	4	SCR -MCRD HD 10-32 X .37 STL
9	710495	2	SCR -MC 4-40 X 1.25 STL Z
10	711310	4	NUT , HEX 1 0 -3 2 ST PL
11	711350	2	NUT -NYLOC 10-32
12	711428	2	NUT -HEX 4-40
13	711503	6	WSR , FLAT #10
14	711543	4	WSR -HELICAL #10
15	712320	2	WSR -NYLON .22 X .45 X .04
16	712326	2	WSR -INT LOCK # 4
17	712830	10	SCR -MC 10 -24 X .62 ST LZ TRHD
18	747603-3	2	SWITCH ASY, MICROROLLER w /MATENLOK
19	747715-1	1	CABLE ASY, 5 COND 18 GE172 0TD

Solenoid Assembly



BILL OF MATERIAL - 172104			
ITEM	PART NO.	QTY	DESCRIPTION
1	172105	1	BKT, SOLENOID MOUNT
2	281637	1	HOSE-WIRE REINF 3/8 X 11"
3	320264	1	FTG-ADPTR 1/4 MPT X 1/4 HB BRASS
4	450076	1	CLAMP-HOSE 5/8 (.590-.791) SS
5	710195	2	SCR-PHMS 5/16-18 X .50 ZP
6	711545	2	WASHER-LOCK 5/16 SPLIT ZP
7	740482	1	DIODE ASY, 1N4007 W/PIGGY
8	740493	1	VALVE-WATER 24VDC

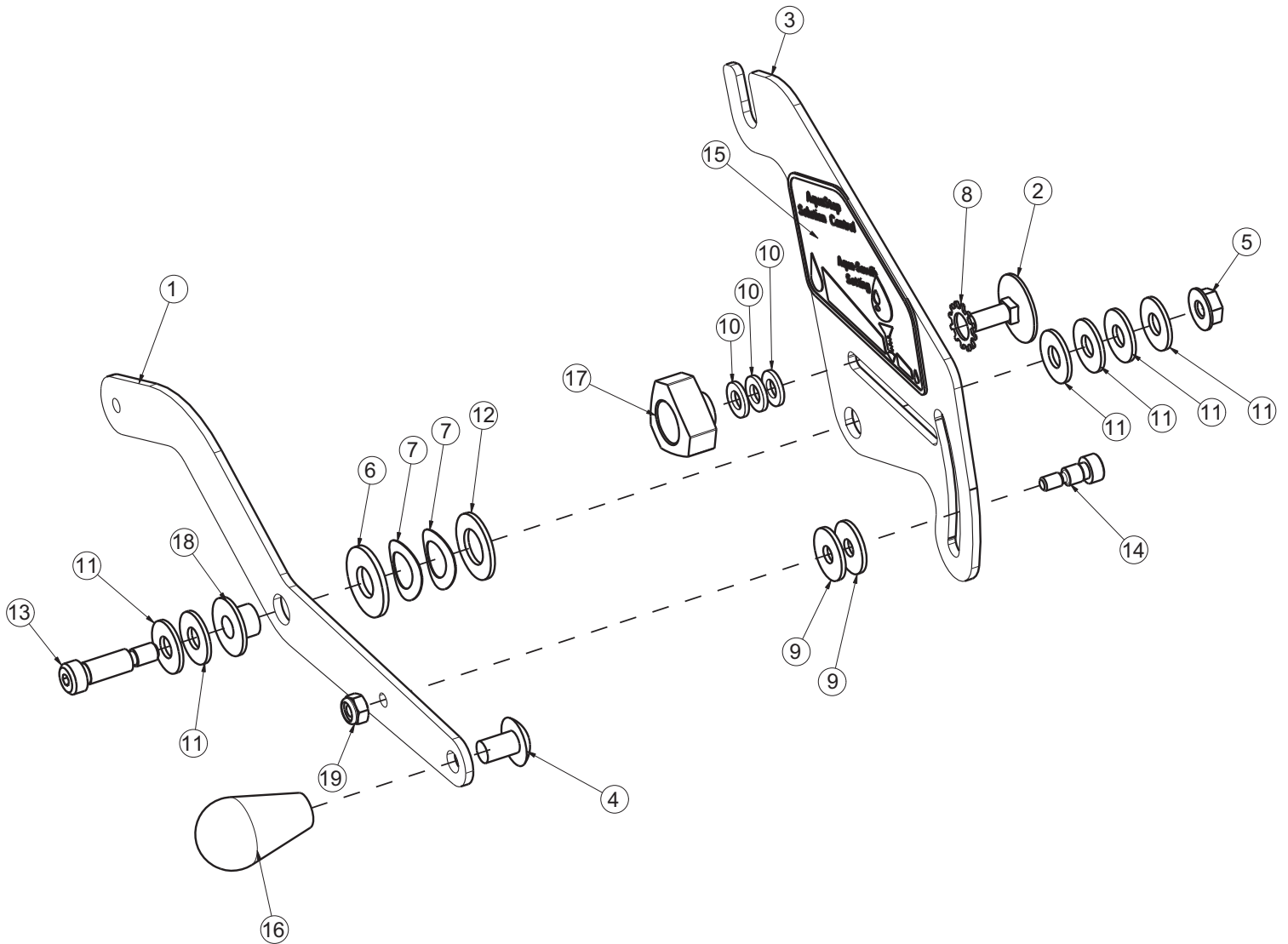
Solution Valve Assembly



BILL OF MATERIAL - 172571			
ITEM	PART NO.	QTY	DESCRIPTION
1	172564	1	FILTER-SOLUTION E1720
2	172566	1	HOSE- 1/2ID X 1.75" NYLOBRAID
3	172567	1	HOSE-1/2"ID X 2.375" NYLOBRAID
4	172568	1	HOSE-WIRE REINF 1/2"ID X 4.25"
5	172569	1	FTG-ELBOW 90 1/2 HB X 1/2 HB NYLON
6	172579	1	SOLUTION CNTRL VALVE, WITH BRKT
7	383347	5	CLAMP-CRIMP 1/2 HOSE

**Old Style Solution Valve Assembly (172514)
No Longer Available**

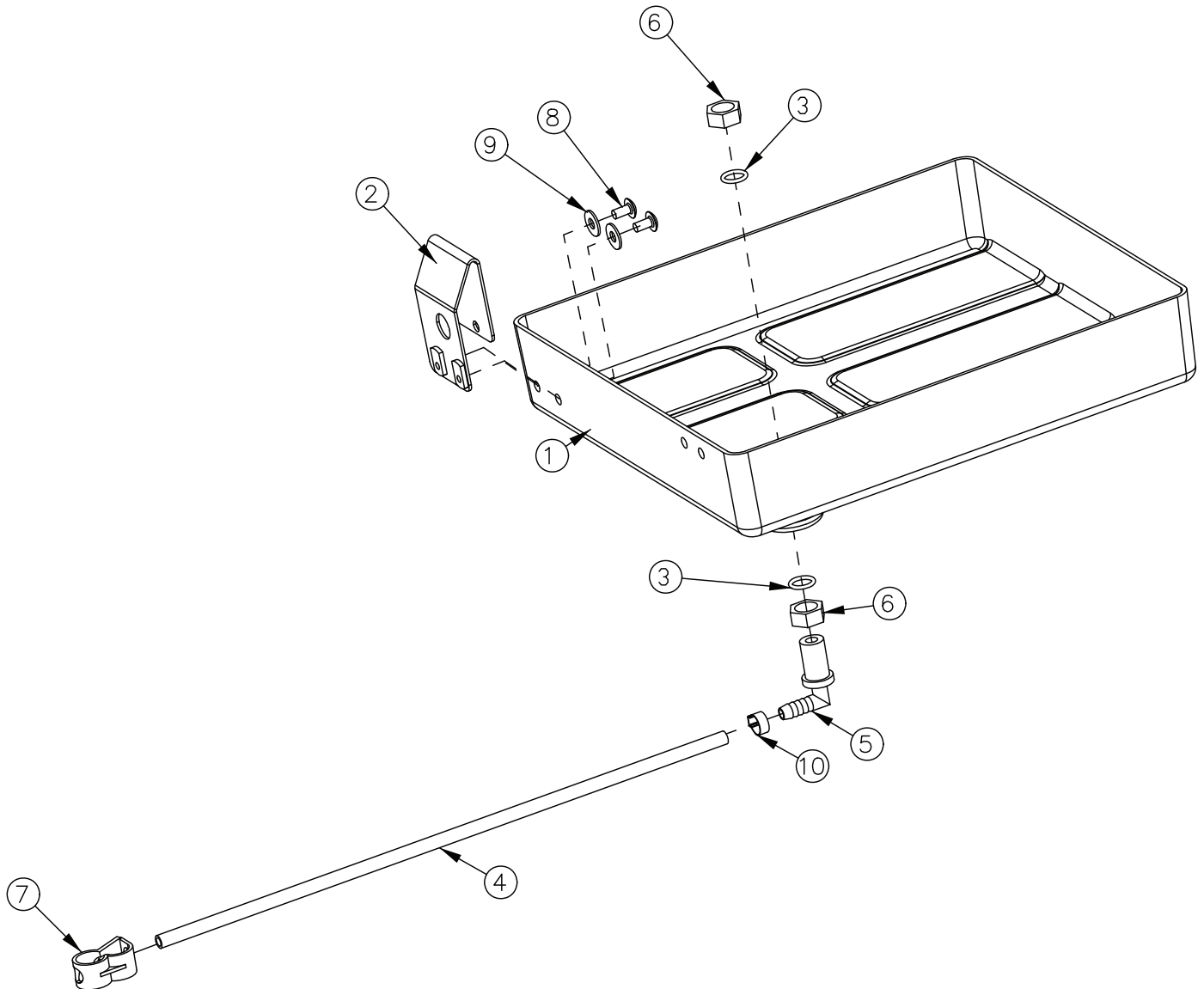
Solution Control Handle Assembly



Solution Control Handle Assembly BOM

BILL OF MATERIAL - 172577			
ITEM	PART NO.	QTY	DESCRIPTION
1	172061	1	LEVER, SOLUTION CONTROL BRK'T
2	172424	1	BLT-ELEVATOR 1/4-20 x .75 ZINC
3	172575	1	BRKT, AQUASTOP SOL CNTRL
4	710195	1	SCR-PHMS 5/16-18 X .50 ZP
5	711425	1	NUT-FLANGED WIZZ 1/4-20 ZP
6	711508	1	WASHER-FLAT 3/8 X 1.00 X .08 ZP
7	711524	2	WASHER-FLAT 3/8 X 1.00 X .08 ZP
8	711539	1	WASHER-EXT LOCK 3/8 ZP
9	711550	2	WASHER-FLAT 1/4 X .75 NYLON
10	711566	3	WASHER-FLAT #12 X .50 X .065 ZP
11	711575	6	WASHER-FLAT 1/4 X .75 X .06 ZP
12	711592	1	WASHER-FLAT 1/2 X .90 X .064 NYLON
13	712070	1	BLT-SHOULDER 5/16 X .75 LG X 1/4-20 BLK
14	713598	1	BLT-SHOULDER 1/4 X .313 LG X 10-24 SS
15	715690	1	DECAL, AQUASTOP SOLUTION CONTROL
16	760592	1	KNOB-OVAL TAPERED
17	833214	1	KNOB-3 SIDED 1/4-20 INSERT
18	840202	1	BUSHING-FLG .31 X .435 X .325 NYL
19	3400399	1	NUT-NYLOC 10-24 SS

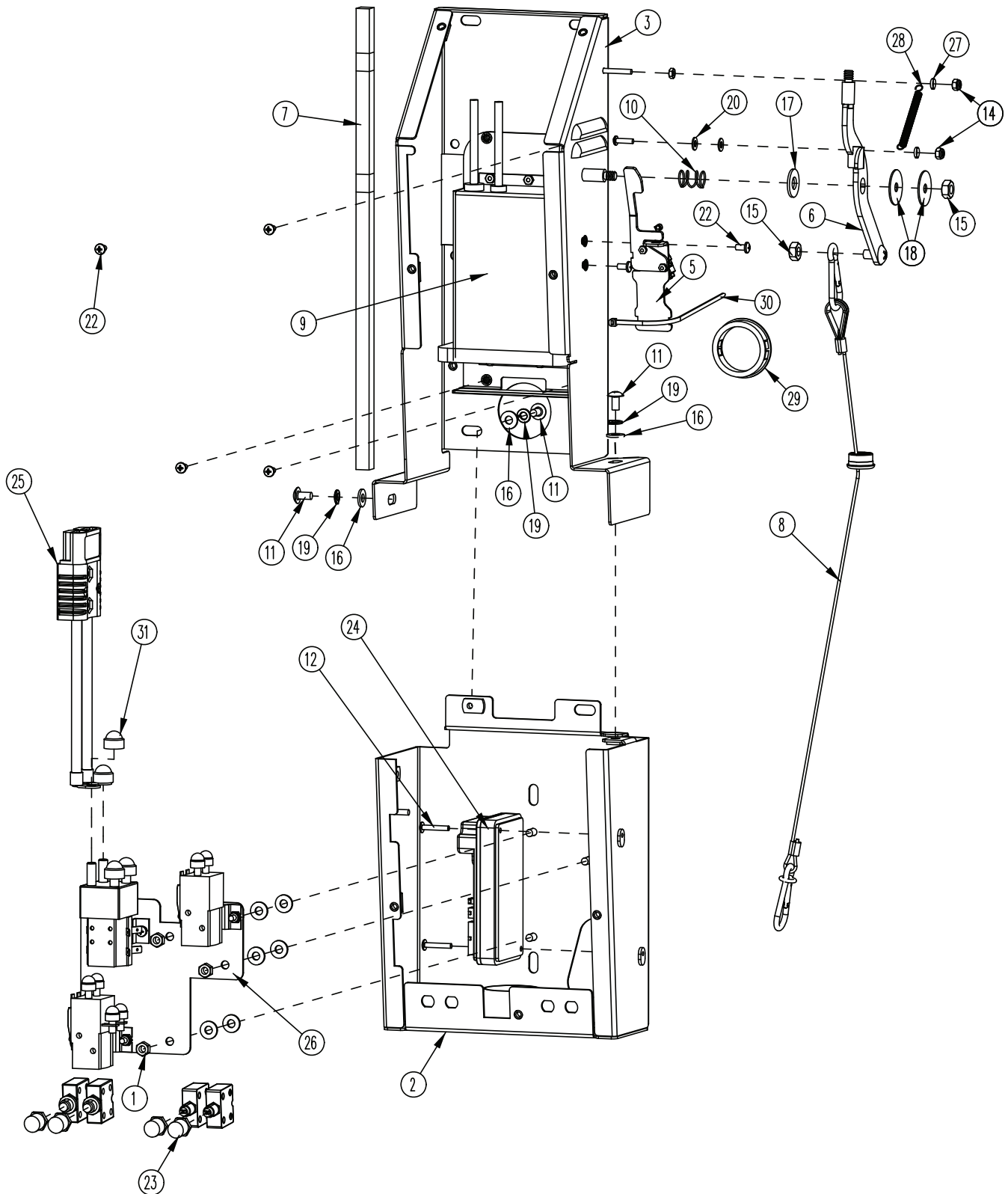
Battery Tray Assembly



Battery Tray Assembly BOM

BILL OF MATERIAL - 172012			
ITEM	PART NO.	REQ'D	DESCRIPTION
1	172116	1	BATTERY BOX
2	172213	1	BKT, SPACER FOR BATTERIES
3	210414	2	O RING 2-113
4	260224	1	18" HOSE
5	320271	1	NOZZLE BODY-ELBOW
6	320272	2	NOZZLE BODY LOCKNUT
7	320273	1	HOSE SHUT-OFF CLAMP
8	710178	2	SCR-MC 1/4-20 X .50 TRUSS STPL
9	711575	2	WSR-FLT .31x.75x.06ST
10	828490	1	CRIMP CLAMP 140R

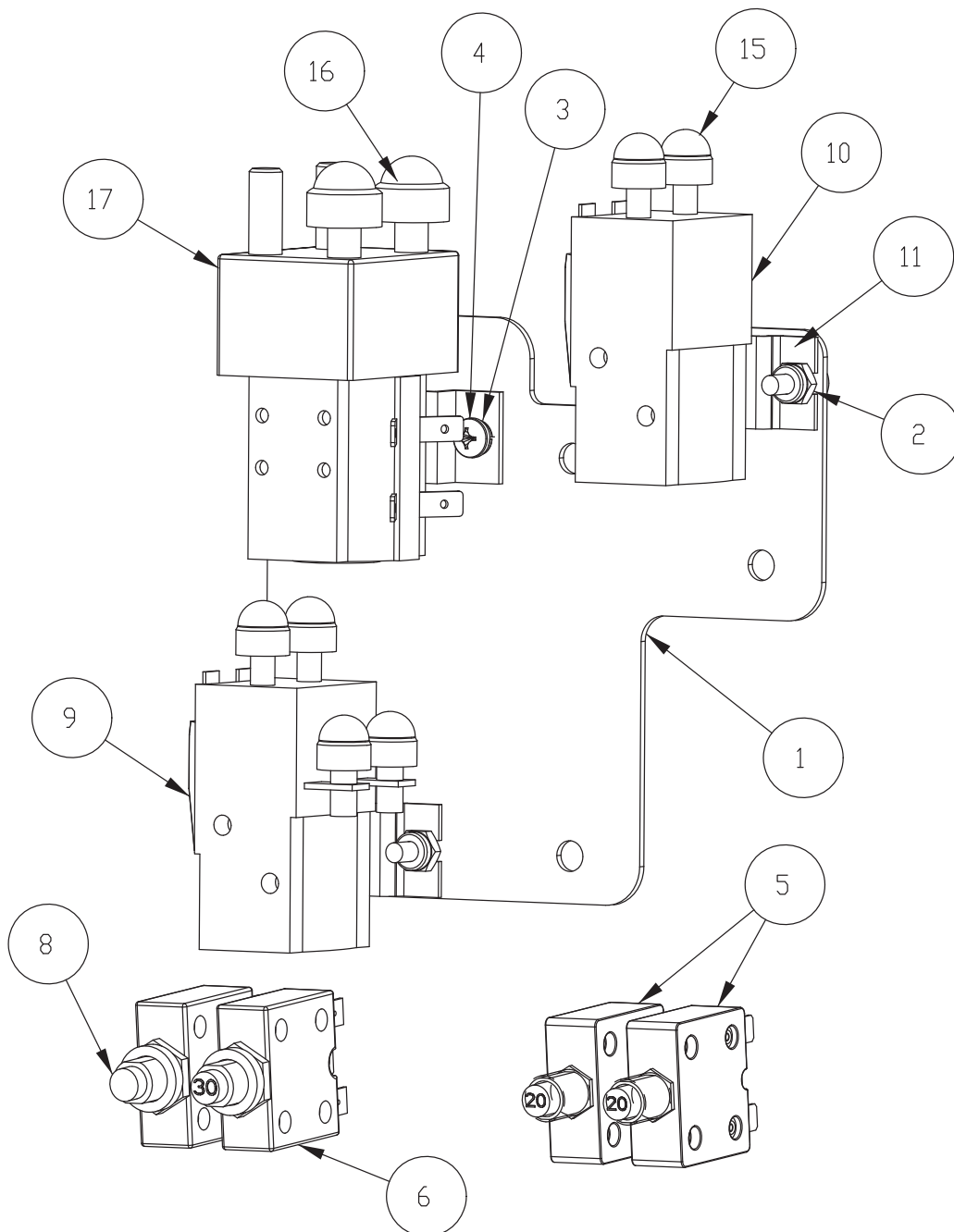
Electrical Box Assembly



Electrical Box Assembly BOM

BILL OF MATERIAL 172075-26			
ITEM	PART NO.	REQ'D	DESCRIPTION
1	369-416	3	NUT-HEX 1/4-20 NYLOC SERATED
2	172077	1	ELEC BOX-BOT HALF WMT
3	172088	1	ELEC BOX-TOP HALF WMT
5	172141	1	VAC SWITCH ASSY
6	172152	1	VAC LEVER WMT
7	172188	1	FOAM TAPE, 1/2" SQ X 16.5"
8	172381	1	CABLE ASSY, SQUEEGEE LIFT
9	957937	1	CHARGER, 24V, 155-193AH
10	670093	1	SPRING, COMPRESSION
11	710178	3	SCR-MC 1/4-20 X .50 TRUSS STPL
12	710534	2	SCR-MC TR HD 8-32 X 1.00 SS
13	711305	1	NUT, HEX 8-32 BR
14	711372	2	NUT-NYLOC 8-32 STL ZINC
15	711383	2	NUT-HEX CLR LOC 5/16-18
16	711505	9	1/4 FLAT WASHER, STEEL
17	711508	1	WSR-FLAT .44X 1.0X.08
18	711516	2	WSR- FLAT .31 X 1.25 X .05
19	711544	3	WSR-HELICAL 1/4
20	712320	2	WSR-NYLON .22 X .45 X .04
21	712770	6	WSR INT LOCK #10A SS
22	712810	6	SCR-MC 10-24 X .37 ST PL
23	742748	4	CIRCUIT BREAKER BOOT
24	747710	1	I-DRIVE,24V 70A PM MOTOR CONTROL
25	747637	1	WIRE ASY, MACHINE-BATTERY
26	747670-26	1	ELEC PANEL ASSY
27	760134	2	MOUNT RING
28	762084	1	SPRING-EXT .25OD X 2" F.L. MUSIC
29	762400	1	HEYCO BUSHING 2.00"
30	828062	1	CABLE TIE LARGE
31	15592033	2	CAP, SAFETY NUT COVER M8

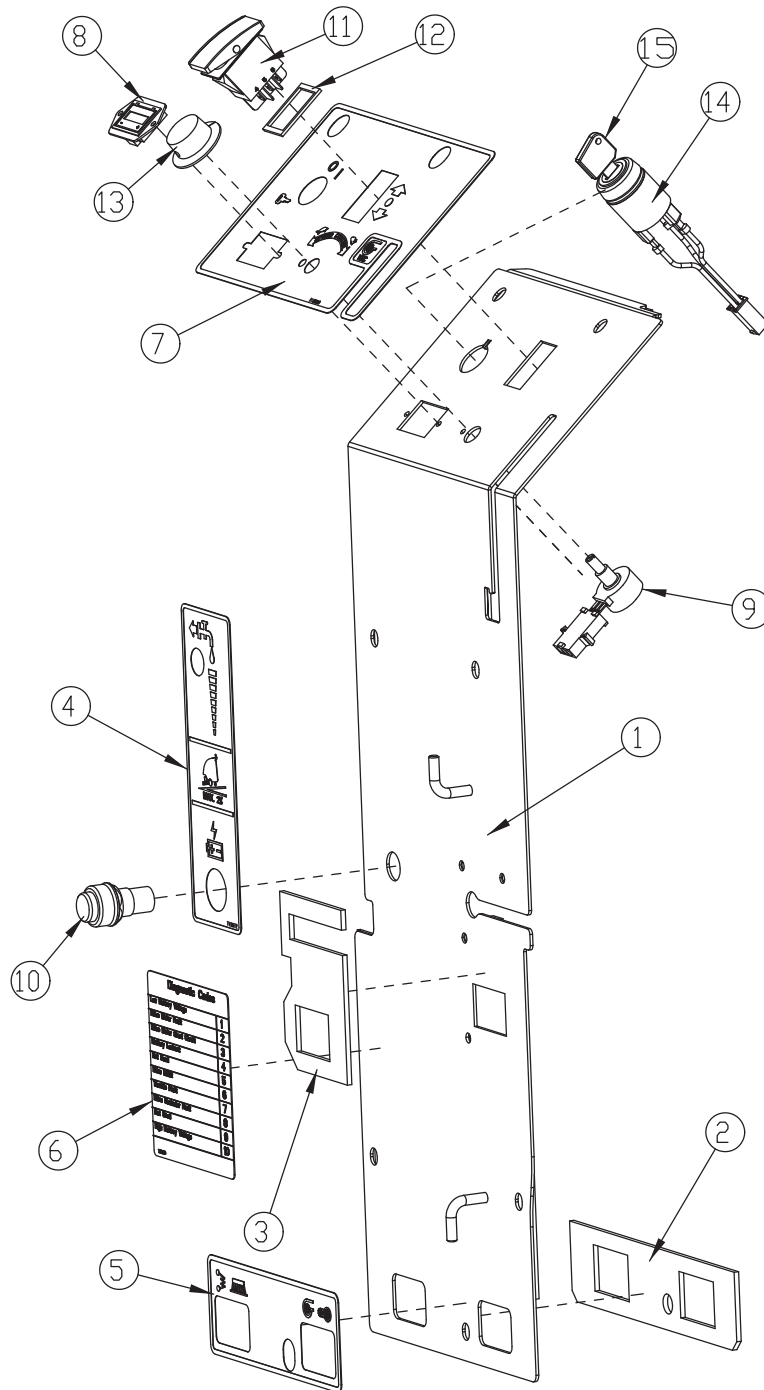
Electrical Panel Assembly



Electrical Panel Assembly BOM

BILL OF MATERIAL - 747670-26			
ITEM	PART NO.	REQ'D	DESCRIPTION
1	172189	1	PANEL, RELAY MOUNT
2	711350	4	NUT -NYLOC 10-32
3	711543	2	WSR-HELICAL #10
4	712800	2	SCR-MC 10-24 X .25 ST PL
5	740220	2	CIRCUIT BREAKER-20AMP 2-T ERMIN
6	740247	1	CIRCUIT BREAKER-30AMP PUSH BUT
7	740482	2	DIODE ASY, 1N4007 W/PIGGY (NOT SHOWN)
8	747609	1	CIRCUIT BREAKER-4.0AMP PUSHBUT
9	747615	1	RELAY, 2 POLE CURT IS (1720)
10	747616	1	RELAY, 1 POLE CURT IS (1720)
11	747619	2	BRACKET , RELAY 747615 & 747616
12	747640	1	WIRE ASY, 10G RED 13" (NOT SHOWN)
13	747641	1	WIRE ASY, 10G RED 7" (NOT SHOWN)
14	747711	1	WIRE HARNESS, E1720T D MAIN (NOT SHOWN)
15	15592025	6	CAP, SAFETY NUT COVER M 6
16	15592033	2	CAP, SAFETY NUT COVER M 8
17	90331026	1	RELAY, 24VDC 2 POLE 100A (HAKO)

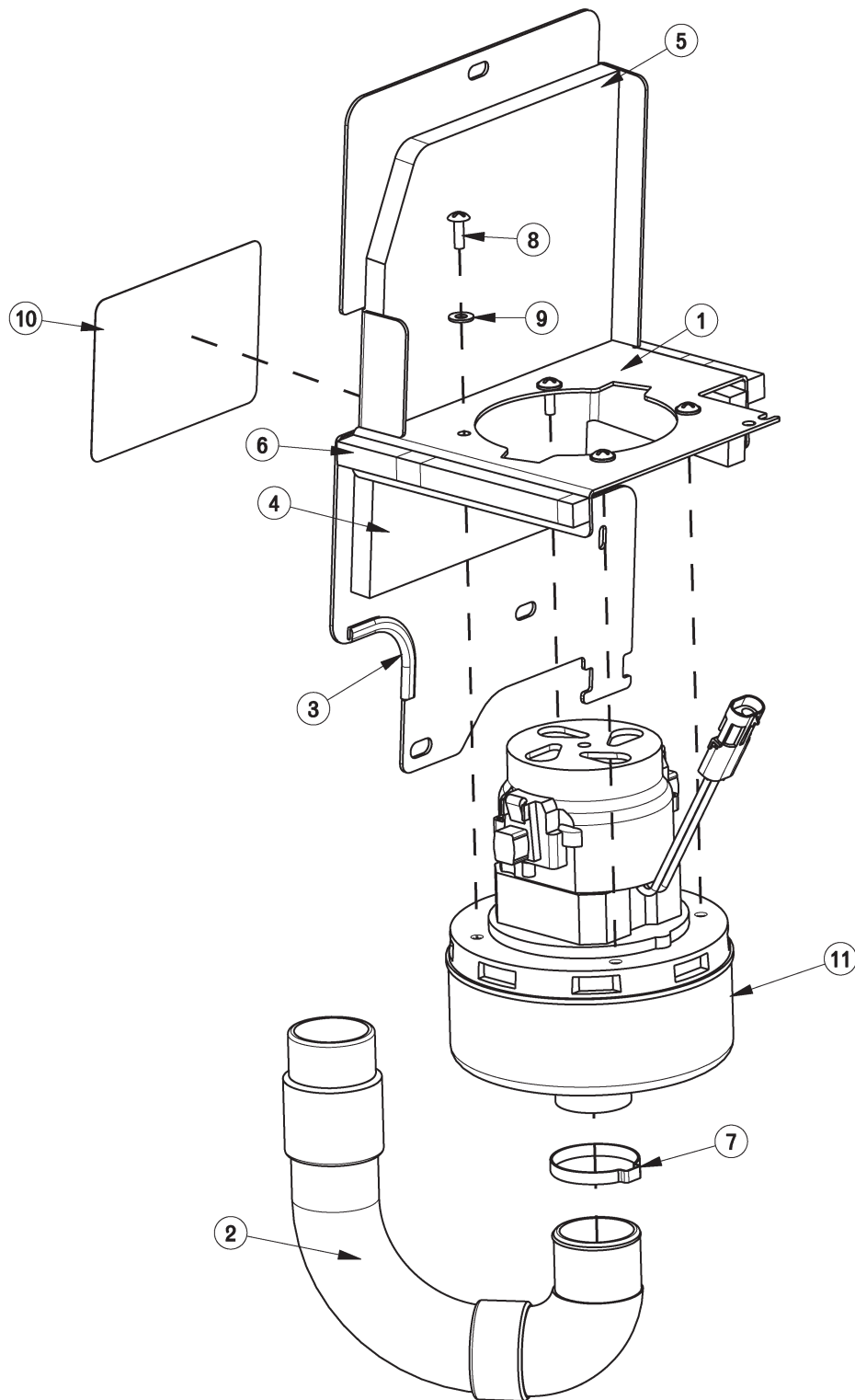
Electrical Box Cover Assembly



Electrical Box Cover Assembly BOM

BILL OF MATERIAL - 172079			
ITEM	PART NO.	REQ'D	DESCRIPTION
1	172182	1	TD COVER WMT
2	172193	1	GASKET , CB OUTLINE
3	172194	1	GASKET , CHARGER CORD PLATE
4	715672	1	DECAL, CHARGE STATUS, SOLUTION CTRL
5	715674	1	DECAL, TD CIRCUIT BREAKER
6	715699	1	DECAL. DIAGNOSTIC CODES E1720T D
7	715680	1	DECAL, CYL DASHBOARD
8	747011	1	BATTERY GAUGE, TRUCHARG E
9	747026	1	POTENTIOMETE0R ASSY SPEED CONTROL
10	747614	1	CHARG E STATUS INDICATOR
11	748201	1	SWITCH , DPDT ON/OFF/ON
12	748209	1	GASKET -FOR 2 POLE ROCKER SWITCHES
13	809874	1	KNOB, SPEED CONTROL
14	90323437-1	1	KEYSWITC H ASY, SWITCH PLUS WIRES
15	00745890	1	KEY SET (2 pc .) -REPLACEMENT FOR 90323437

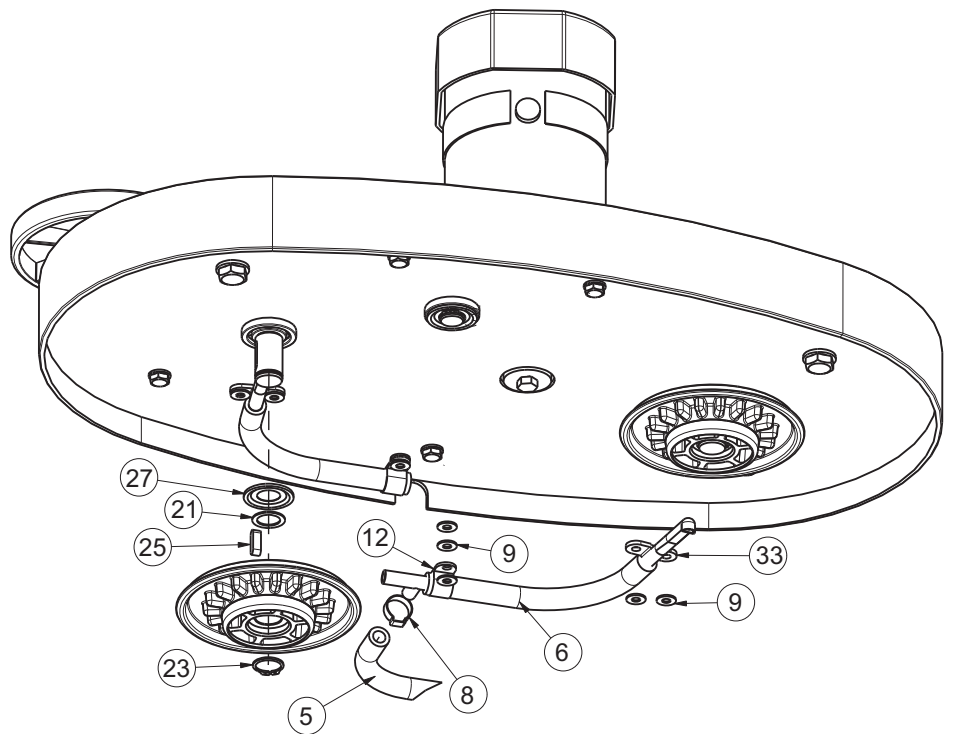
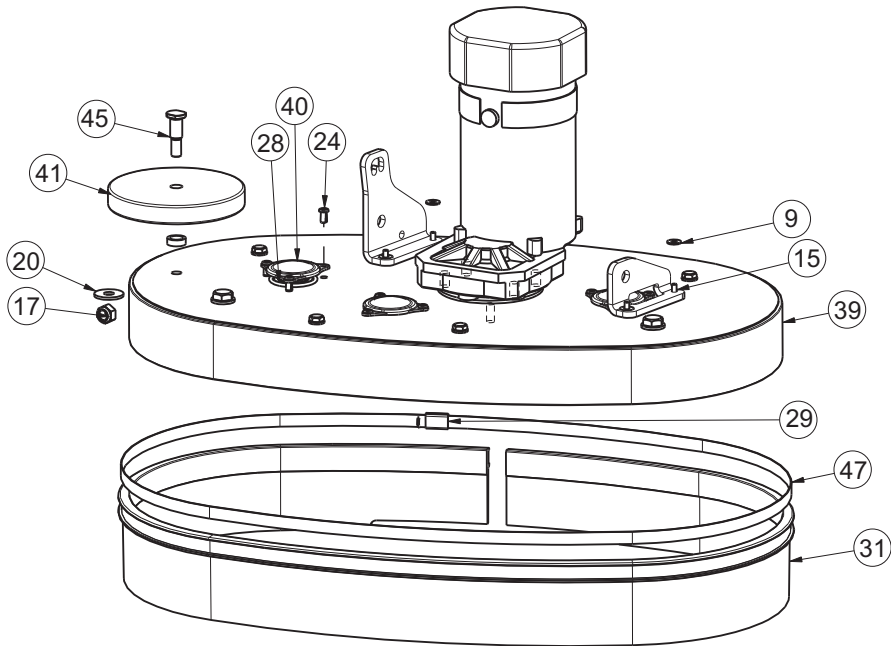
Vacuum Motor Assembly

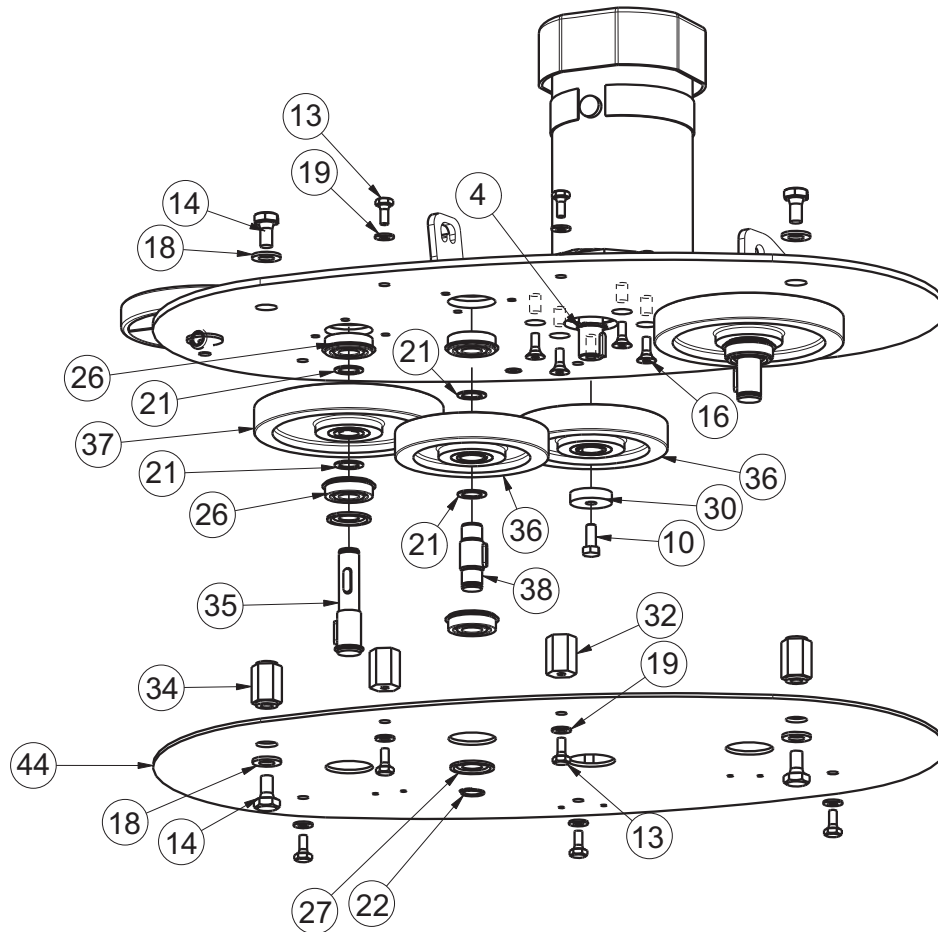


Vacuum Motor Assembly BOM

BILL OF MATERIAL- 172050			
ITEM	PART NO.	REQ'D	DESCRIPTION
1	172045	1	VAC MOUNT WMT
2	172048	1	HOSE, STRETCH 13"
3	172124	1	EDGE TRIM, .063 X 3.0, BLACK
4	172186	1	FOAM COVER, FRONT 1
5	172187	1	FOAM COVER, FRONT 2
6	172188	2	FOAM TAPE, 1/2" SQ X 16.5"
7	450095	1	CRIMP CLAMP, 1.75"
8	711160	4	#10 X 5/8 HI-LO
9	711503	4	WSR, FLAT#10
10	715967	1	DECAL, BATT CABLE ROUTE
11	747607-1	1	VAC MOTOR ASY
11H	747665-1		VAC MOTOR ASY, 36/24V PERIF BYPASS

Brush Deck



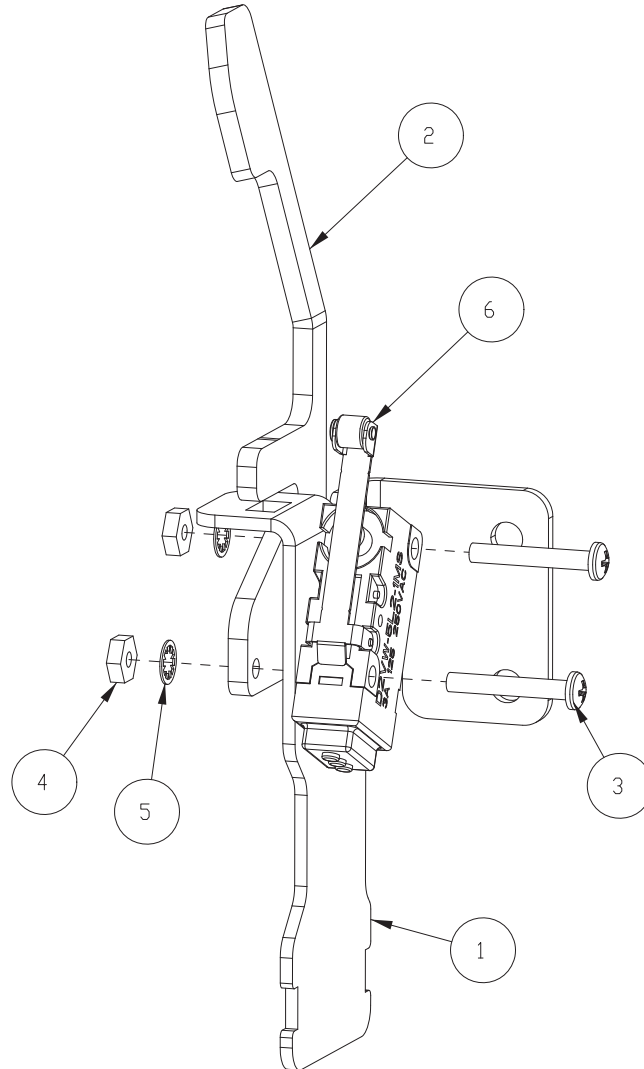


Brush Deck BOM

BILL OF MATERIAL - 99711100			
ITEM	PART #	QTY	DESCRIPTION
1	77-81-A	1	SPACER-.53 X .75 X .25
2	172417	1	BKT, DECK MOUNT RIGHT
3	172418	1	BKT, DECK MOUNT LEFT
4	172425	1	RING-RET EXT .75/20mm HD
5	172426	1	HOSE-NYLO REINF 3/8 X 25
6	760302	2	HOSE-NYLO REINF 3/8 X 8"
7	260178	1	FTG-TEE 3/8 HB X 3/8 HB X 1/4 HB PE
8	450076	1	CLAMP-HOSE 5/8 (.590-.791) SS
9	711504	14	WASHER-FLAT 1/4 SS
10	717030	1	SCR-HH M8-1.25 X 20 SS
11	747600	1	MOTOR, 24VDC PM 600W
12	1752903	2	CLAMP-P, 51D
13	11038197	10	BLT-HH M8 X 1.25 X 16 STL ZD 8.8 DIN 933
14	11038577	4	BLT-HH M12 X 20
15	11206208	4	SCR-MC FH M6 X 20
16	11225331	4	SCR-FH M8 X 20
17	12040069	1	NUT-NYLOC M10 X 1.5 ZD CLASS 6
18	12310066	4	WSR-FLT M13 X 24 X 2.5 STL 140HV ZD DIN
19	12310264	10	WSR-FLT M8.4 X 16 X 1.6 A2 SS
20	12332037	1	WSR-FLT M10.5 X 30 X 2.5 STL 140HV ZD DI
21	12335063	8	WSR-FLT, 17 X 24 X 1
22	12610085	3	CIRCLIP
23	12610093	2	CIRCLIP
24	13166087	9	RIVET, PLASTIC PUSH-IN
25	13540182	5	KEY, SQ 6MM X 20
26	14110787	6	BEARING, 6203
27	14678288	3	NILOS-RING
28	15282049	3	O-RING, 42.5 X 3 NBR
29	17528555	1	TENSION BAND LOCK
30	90271511	1	CAP, MOTOR GEAR

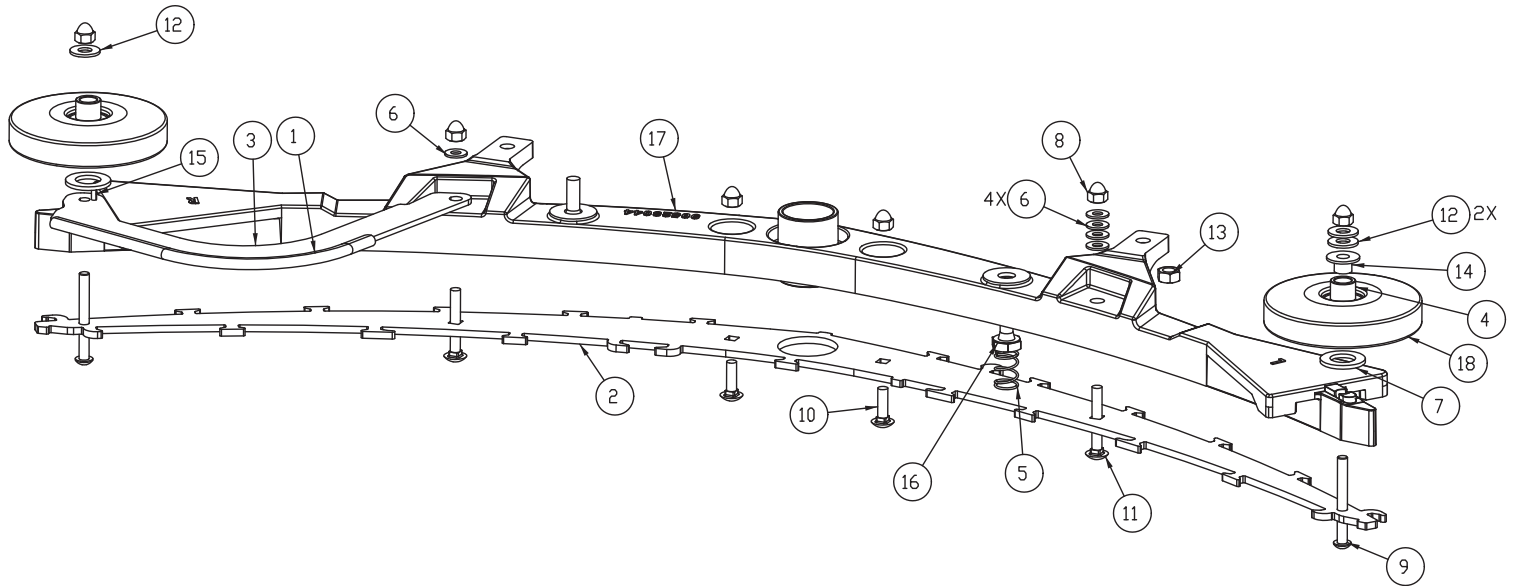
BILL OF MATERIAL - 99711100			
ITEM	PART #	QTY	DESCRIPTION
31	90298845	1	SPLASH GUARD, 26" DECK
32	90299371	5	STANDOFF, HEX M8 X 31.5
33	90311663	2	FITTING, WATER NOZZLE W/ MOUNT HOLES
34	90347832	2	STANDOFF, HEX M8 X 31.5 W/PILOT
35	90347840	2	SHAFT, MAIN GEAR
36	90348715	2	GEAR, INNER
37	90348723	2	GEAR, MAIN
38	90399684	1	SHAFT, INNER GEAR
39	90493701	1	SIDE COVER, 26" DECK
40	90494949	3	COVER, BEARING
41	90541319	1	BUMPER WHEEL, 140MM, BLACK
42	90542572	2	DRIVE HUB - SCRUBBER, DISK
43	90572447	1	TOP PLATE, 26ECO DECK
44	90572454	1	BOTTOM PLATE, 26ECO DECK
45	90572470	1	BLT-SHLD 12.4 X 22MM X M10
46	90572504	1	SPACER, BRUSH MOTOR
47	90572538	1	RETAINING BAND, 26" DECK

Vacuum Switch Assembly



BILL OF MATERIAL - 172141			
ITEM	PART NO.	REQ'D	DESCRIPTION
1	172140	1	BKT, VAC SWITCH MOUNT
2	172337	1	COVER, VAC SWITCH
3	710493	2	SCR-MC 4-40 X .75 PAN HD
4	711428	2	NUT-HEX 4-40
5	712326	2	WSR-INT LOCK #4
6	747603-2	1	SWITCH ASY, MICRO ROLLER W/PACK/CONDUIT

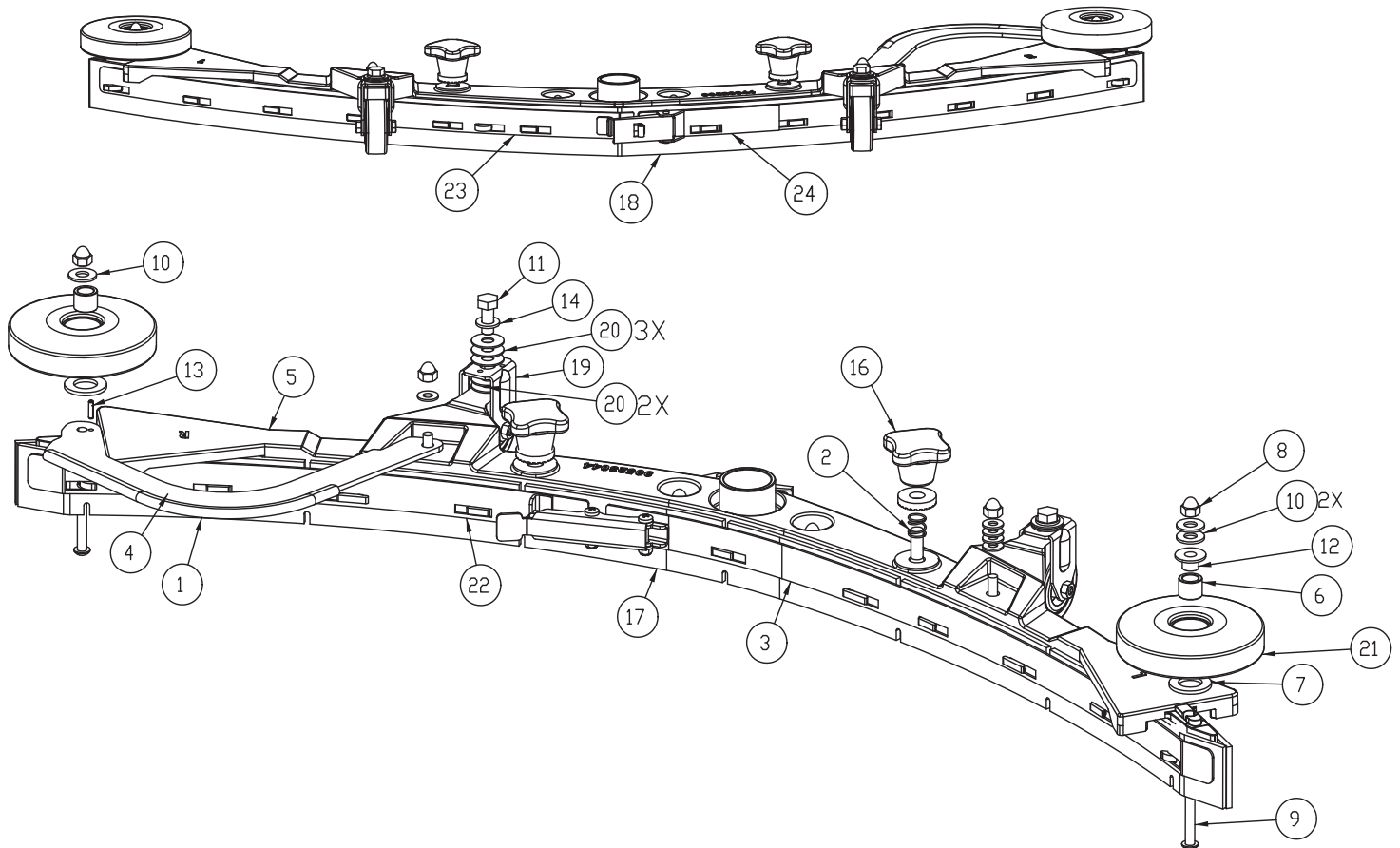
Rear Squeegee Assembly



BILL OF MATERIAL - 172539

ITEM	PART NO.	REQ'D	DESCRIPTION
1	172274	1	EDGE TRIM, 10" BLACK
2	172437	1	BASE PLAT E SS-FOR 950 CAST ING
3	172450	1	BUMPER, 38" SQG
4	430322	2	BUSHING .435 X .625 X .50
5	670093	2	SPRING, COMPRESSION
6	711504	5	WSR-FLAT 1/4 ID SS
7	711527	2	WSR-FLAT .63 X 1.12 X .09
8	712591	6	NUT, ACORN 1/4-20 SS
9	712592	2	SCR-MC BHCS, 1/4-20 X 2.25, SS
10	712593	2	BLT-CARR 1/4-20 X .875 SS
11	712594	2	BLT-CARR 1/4-20 X 1.75 SS
12	712772	3	WSR-FLAT .344 x .75 x .06 SS
13	717029	2	NUT-HEX M8X1.25 SS
14	840202	1	BUSHING-FLG .31 X .437 X .325 NYL
15	3400727	1	PIN-ROLL 1/8 X .50, ZINC
16	11039328	2	BLT-HH M10X25 SS DIN 933
17	90523044	1	CASTING, 950MM SQUEEGEE
18	90548397	2	ROLLER - 100MM PLASTIC BLACK

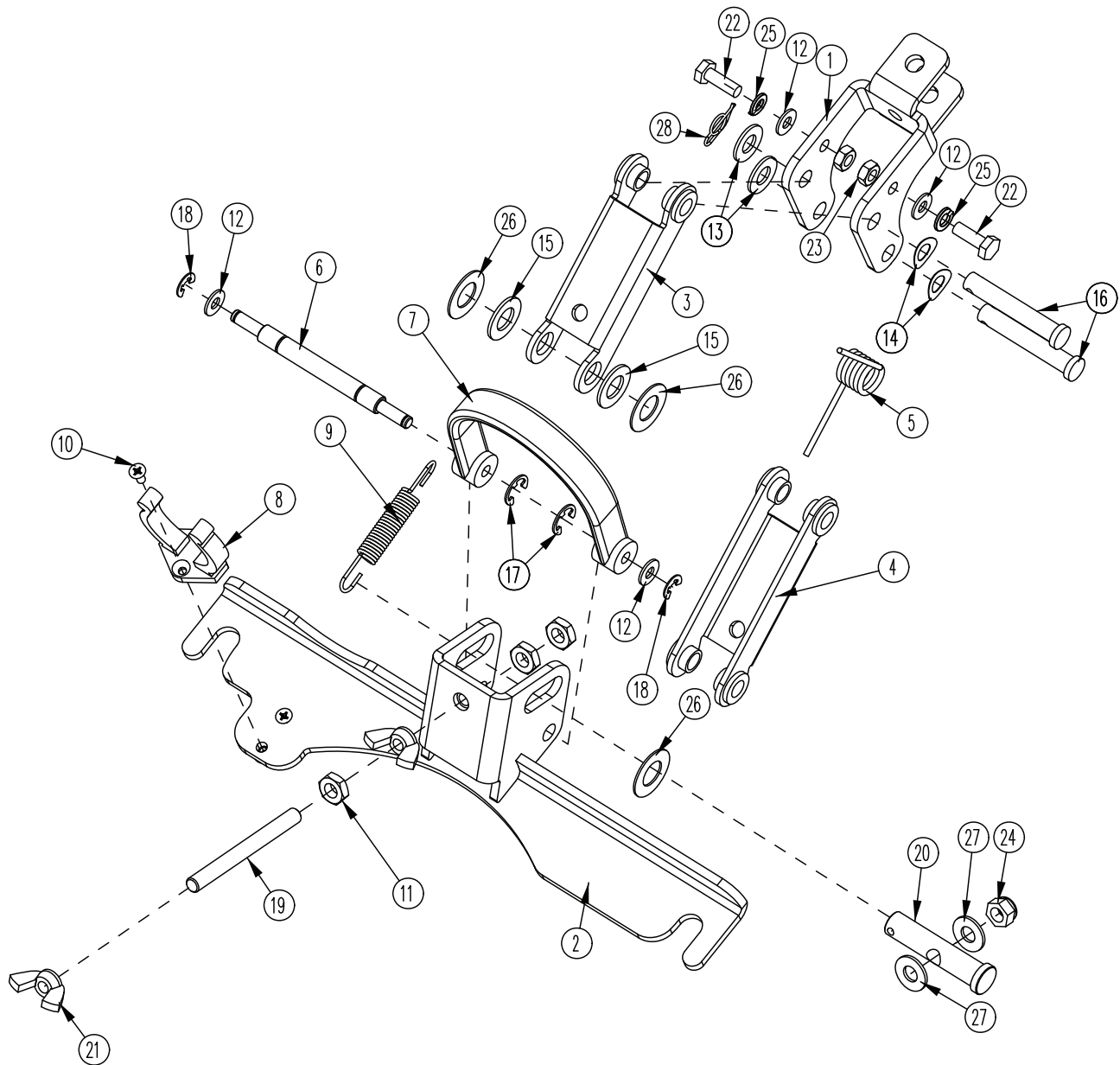
Rear Squeegee Assembly



Rear Squeegee Assembly BOM

BILL OF MATERIAL - 172538			
ITEM	PART NO.	REQ'D	DESCRIPTION
1	172274	1	EDGE TRIM , 10" BLACK
2	172429	2	SPRING, COMPRESSION
3	172448	1	TENSION BAND ASM - LEFT FRONT , 38"
4	172450	1	BUMPER, 38" SQG
5	172539	1	38" SQUEEGEE BASE ASM -E2426
6	430322	2	BUSHING .435 X .625 X .50
7	711527	2	WSR-FLAT .63 X 1.12 X .09
8	712591	2	NUT , ACORN 1/4-20 SS
9	712592	2	SCR-M C BHCS, 1/4-20 X 2.25, SS
10	712772	3	WSR-FLAT .344 x .75 x .06 SS
11	717030	2	BOLT -HH M 8X1.25 X 20 SS
12	840202	1	BUSHING-FLG .31 X .437 X .325 NYL
13	3400727	1	PIN-ROLL 1/8 X .50, ZINC
14	12310264	2	WSR-FLT M 8.4X16X1.6 SS
15	12515094	2	WSR-CONICAL SERRATED T OOTH, M 10.6
16	17133026	2	KNOB, M 10 STAR HANDLE
17	90493560	1	SQUEEGEE BLADE - FRONT , 950mm
18	90494139	1	SQUEEGEE BLADE - REAR, 950mm
19	90513094	2	FIXED CASTOR
20	90531112	10	WSR-FLT 8.3 X 22 X 1M M SS
21	90548397	2	ROLLER - 100MM PLASTIC BLACK
22	96125828	1	TENSION BAND - RIGHT FRONT
23	96125844	1	TENSION BAND - LEFT REAR
24	96125851	1	TENSION BAND - RIGHT REAR

Squeegee Mechanism Assembly



Squeegee Mechanism Assembly BOM

BILL OF MATERIAL - 172150			
ITEM	PART NO.	REQ'D	DESCRIPTION
1	172134	1	BKT , MAIN SQUEEGEE HINGE
2	172155	1	SQUEEGEE MOUNT WMT
3	172196	1	SQ TOP LIN K W/ BUSHING
4	172197	1	SQ BOT LINK W/ BUSHING
5	172261	1	TORSION SPRING
6	172352	1	PIN , 3 /8 X 3.0, SQ G STRAP
7	172357	1	STRAP, 9 " PU , BLACK
8	260579	1	TOOL CLIP, 1.5" HOSE
9	430051	1	RETURN SPRING -3 .00"
10	710528	2	SCR -MC 8-32 X .37 FH - BR
11	711420	3	NUT - HEX JAM 5 /16-18 ST PL
12	711504	4	WSR -F LAT 1/4 ID SS
13	711515	2	WSR -F LAT .406 X .812 X .0625
14	711523	2	WSR -WAVE .37 X .68 X .08
15	711592	2	WSR -F LAT .506 X .9 X .064 N YL
16	711678	2	CLEVIS PIN 3/8 X 2 -1/4
17	711717	2	RETAINING RING - E TYPE .37
18	711720	2	.250 DIA RETAINING RING - E TYPE
19	712147	1	ROD -THD 5/16 -18 X 3.25 SS
20	712148	1	CLEVIS PIN , 1/2 x 2.25 W/ HOLE
21	712157	2	NUT - WING 5 /16 -18 SS
22	712562	2	BOLT -HH 1 /4-20 X 3 /4 SS
23	712665	2	NUT -HEX 1 /4-20 SS
24	712683	1	NUT , HEX 5/16 -18 NYLOC SS
25	712758	2	WSR -HELICAL 1/4 SS
26	712760	3	WSR -FLAT .56X 1 .06 X.04 SS
27	712772	2	WSR -FLAT .344 x .75 x .06 SS
28	3400125	1	PIN -COTTER 3/8 RUE RING

1 Wiring Diagrams

PAGE LAYOUT



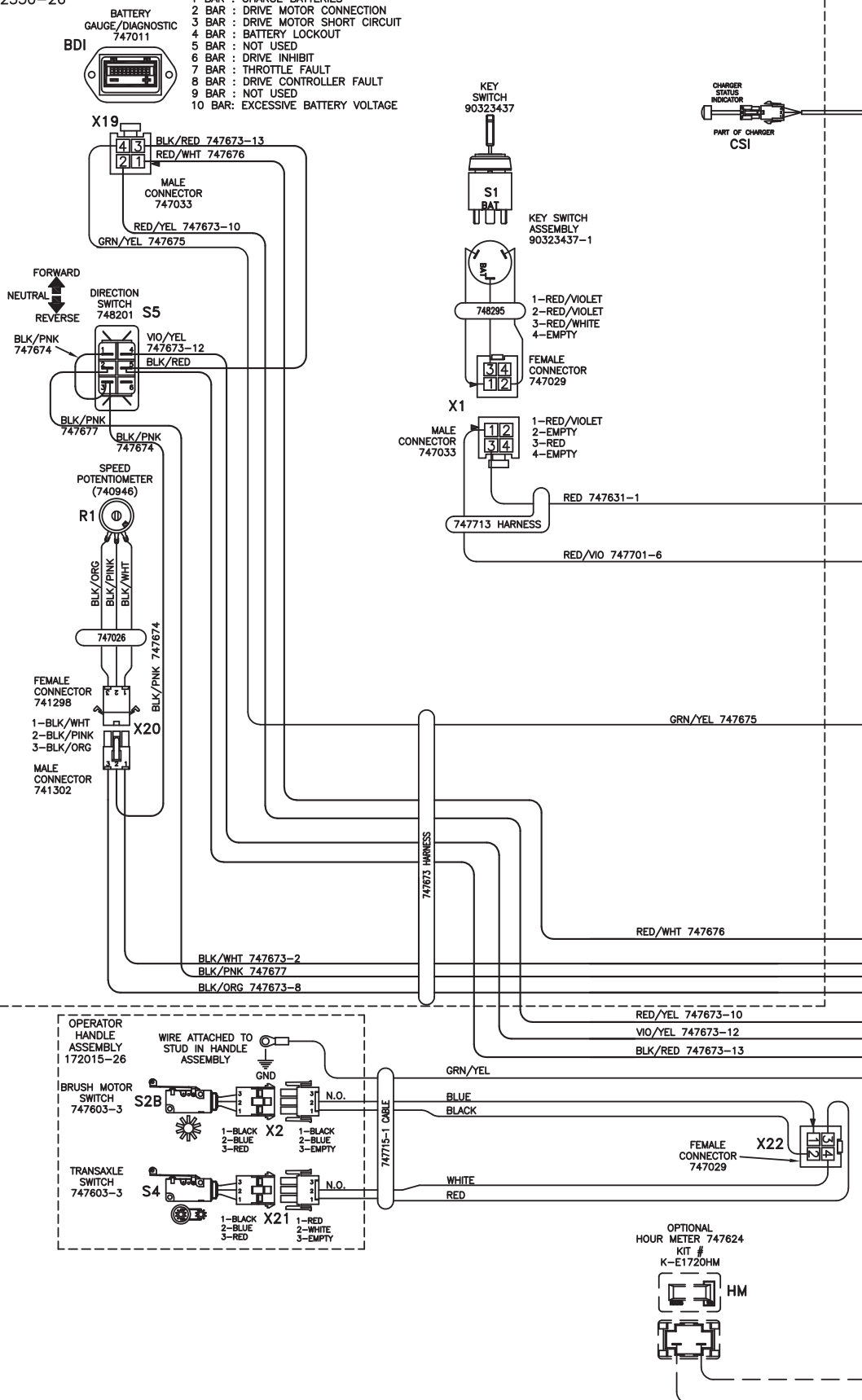
PAGES GO TOGETHER AS SHOWN TO SEE THE ENTIRE SCHEMATIC AS ONE.

ELECTRICAL
BOX COVER
ASSEMBLY
172330-26

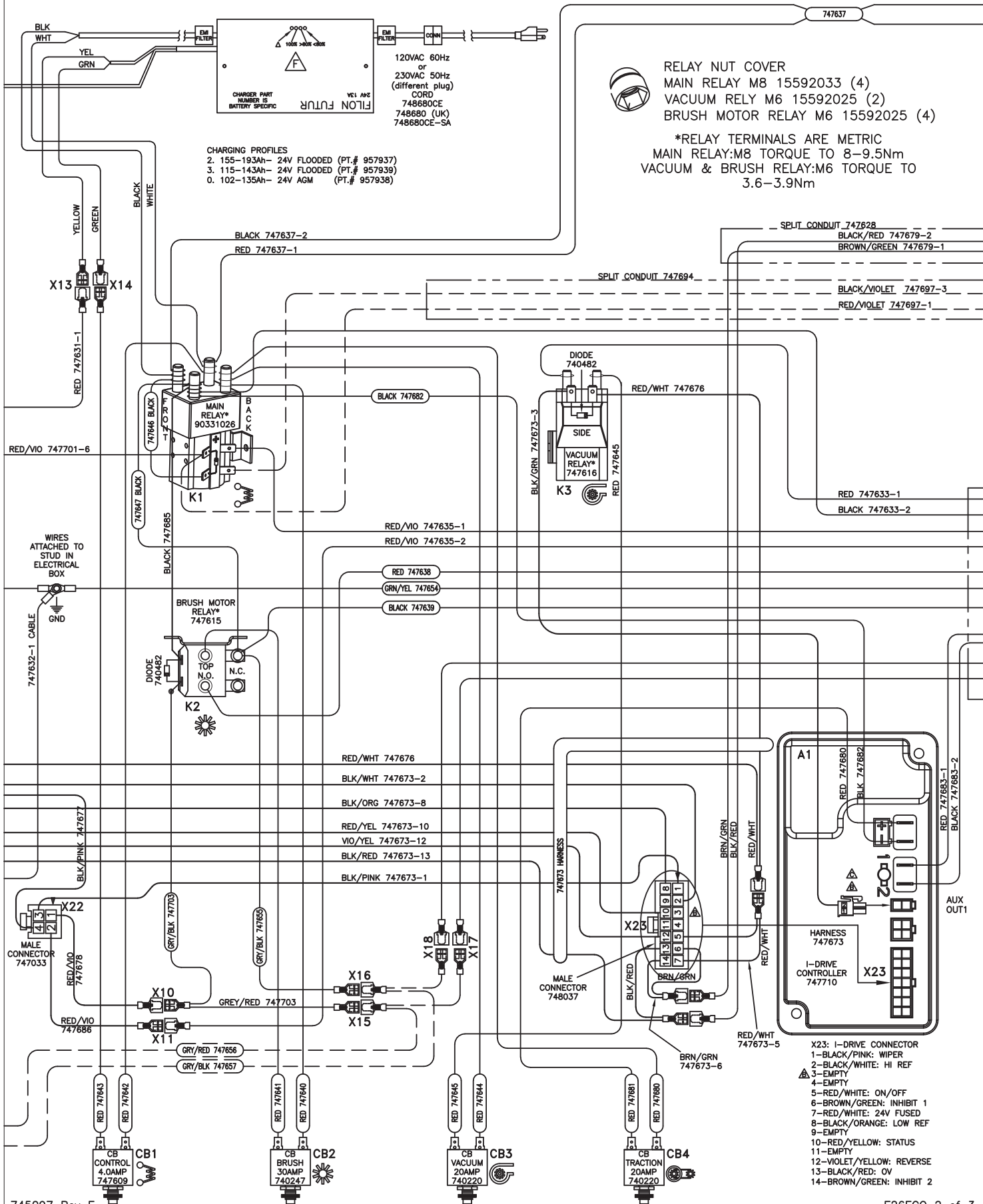
715678: DIAGNOSTIC CODE DECAL

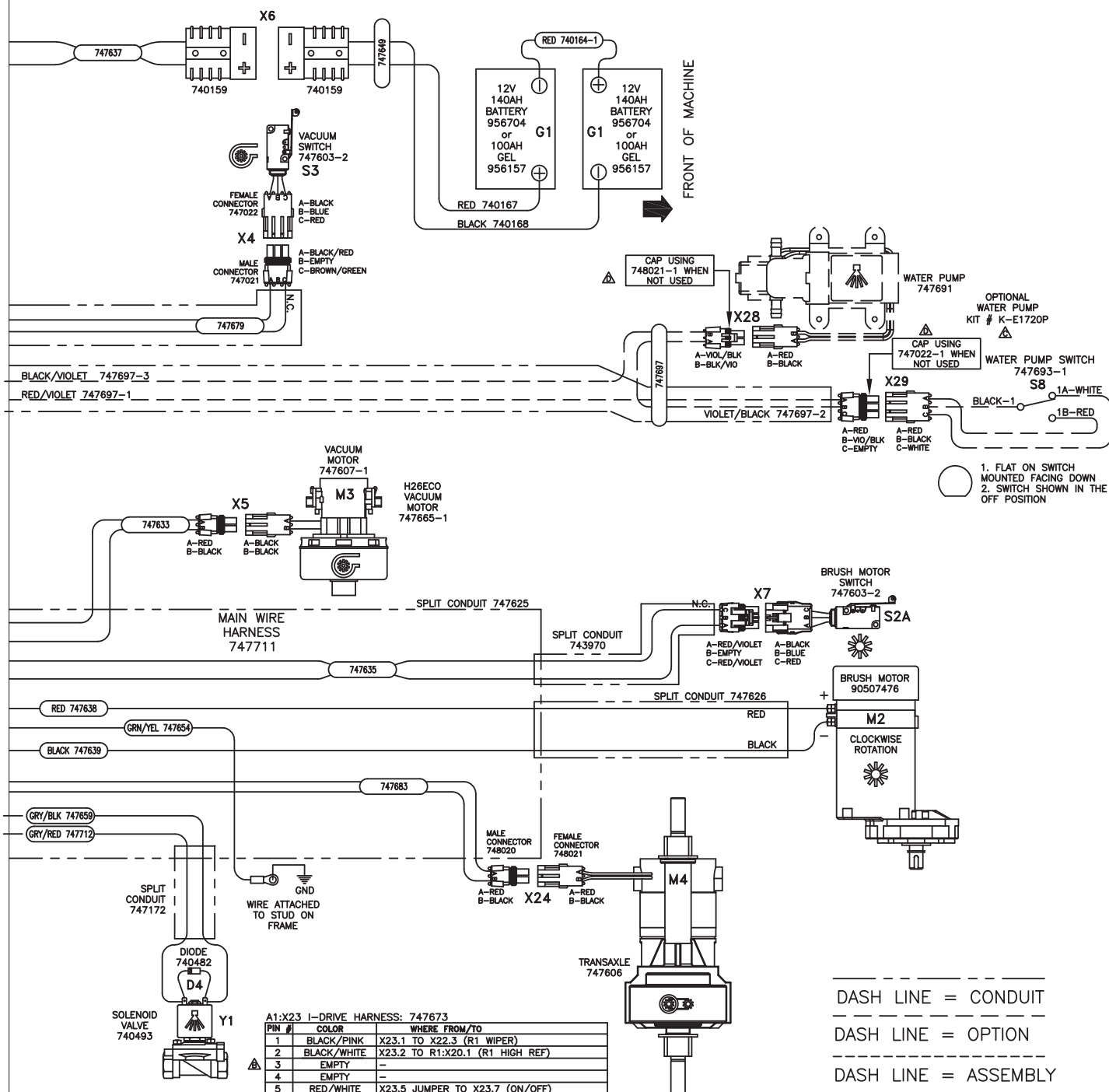
DIAGNOSTIC CODES: BATTERY GAUGE: 747011

- 1 BAR : CHARGE BATTERIES
- 2 BAR : DRIVE MOTOR CONNECTION
- 3 BAR : DRIVE MOTOR SHORT CIRCUIT
- 4 BAR : BATTERY LOCKOUT
- 5 BAR : NOT USED
- 6 BAR : DRIVE INHIBIT
- 7 BAR : THROTTLE FAULT
- 8 BAR : DRIVE CONTROLLER FAULT
- 9 BAR : NOT USED
- 10 BAR : EXCESSIVE BATTERY VOLTAGE



ELECTRICAL BOX ASSEMBLY 172075-26





A1:X23 I-DRIVE HARNESS: 747673

PIN #	COLOR	WHERE FROM/TO
1	BLACK/PINK	X23.1 TO X22.3 (R1 WIPER)
2	BLACK/WHITE	X23.2 TO R1:X20.1 (R1 HIGH REF)
3	EMPTY	-
4	EMPTY	-
5	RED/WHITE	X23.5 JUMPER TO X23.7 (ON/OFF)
6	BROWN/GREEN	X23.6 JUMPER TO X23.14 (INHIBIT 1)
7	RED/WHITE	X23.7 JUMPER TO X23.5 (24VDC FUSED)
8	BLACK/ORANGE	X23.8 TO R1:X20.3 (R1 LOW-REF)
9	EMPTY	-
10	RED/YELLOW	X23.10 TO BDI:X19.2 (STATUS)
11	EMPTY	-
12	VIOLET/YELLOW	X23.12 TO S5.4 (REVERSE)
13	BLACK/RED	X23.13 JUMPER S5.5 JUMPER BDI:X19.3 (OV)
14	BROWN/GREEN	X23.14 JUMPER TO X23.6 (INHIBIT 2)

R1:X20 SPEED POTENTIOMETER: 747026

PIN #	COLOR	WHERE FROM/TO
1	BLACK/WHITE	X20.1 TO A1:X23.2
2	BLACK/PINK	X20.2 TO S5.3 JUMPER S5.1
3	BLACK/ORANGE	X20.3 TO A1:X23.8

X22: OPERATOR HANDLE CABLE: 747715-1

PIN #	COLOR	WHERE FROM/TO
1	BLUE	X22.1 TO S2B:X2.B
2	BLACK	X22.2
3	RED	X22.3 TO S4:X21.A
4	WHITE	X22.4 TO S4:X21.B

X22: CONNECTOR TO OPERATOR HANDLE CABLE: 747715-1

PIN #	COLOR	WHERE FROM/TO
1	RED/VIOLET	X22.1 TO X10 JUMPER K2:COIL-24VDC JUMPER X15
2	RED/VIOLET	X22.2 TO X11 TO S2A:X7.A
3	BLACK/PINK	X22.3 TO A1:X23.1
4	BLACK/PINK	X22.4 TO S5.2

S1:X1 MAIN KEYSWITCH ASSEMBLY: 90323437-1

PIN #	COLOR	WHERE FROM/TO
1	RED/VIOLET	X1.1 TO K1:COIL-24VDC
2	EMPTY	-
3	RED or RED/WHI	X1.3 TO X13 BC INTERNAL RELAY
4	EMPTY	-

BATTERY CHARGER: 957937, 957938 or 957939

PIN #	COLOR	WHERE FROM/TO
X13	YELLOW	X13 TO S1:X1.1
X14	GREEN	X14: CB1 CONTROL 4.0A
14GA	WHITE	K1:CONTACT + (REAR LEFT POST)
14GB	BLACK	K1:CONTACT - (FRONT LEFT POST)

OTHER WIRE COLORS

PIN #	COLOR	WHERE FROM/TO
	RED	BATTERY 24VDC: +
	BLACK	BATTERY OVDC: -
	GREEN/YELLOW	GROUND
	RED/VIOLET	24VDC AFTER MAIN KEYSWITCH
X15	GREY/RED	OPTIONAL POWER 24VDC: 4A MAX
X16	GREY/BLACK	OPTIONAL POWER OVDC: 4A MAX
X8:A	VIOLET/BLACK	WATER PUMP: 24VDC
X8:B	BLACK/VIOLET	WATER PUMP: OVDC
X9:A	VIOLET/BLACK	WATER SOLENOID VALVE: 24VDC
X9:B	BLACK/VIOLET	WATER SOLENOID VALVE: OVDC

E26ECO PART REFERENCE LIST
Schematic 745097

REFERENCE #	COMPONENT NAME	PART NUMBER
M1 (optional)	not used	-
M2	MOTOR, BRUSH	90507476
M3	MOTOR, VACUUM ASSEMBLY	747607-1
M4	TRANSAXLE	747606
Y1	SOLENOID VALVE, WATER	740493
K1	RELAY, MAIN	90331026
K2	RELAY, BRUSH MOTOR	747615
K3	RELAY, VACUUM	747616
CB1	CIRCUIT BREAKER 4.0A, CONTROL	747609
CB2	CIRCUIT BREAKER 30A, BRUSH MOTOR	740247
CB3	CIRCUIT BREAKER 20A, VACUUM MOTOR	740220
CB4	CIRCUIT BREAKER 20A, TRANSAXLE	740220
S1	KEYSWITCH	747617
S2A	SWITCH, BRUSH MOTOR (at motor)	747603-2
S2B	SWITCH, BRUSH MOTOR (handle)	747603-3
S3	SWITCH, VACUUM MOTOR	747603-2
S4	SWITCH, TRANSAXLE (handle)	747603-3
S5	SWITCH, DIRECTION	748201
S8 (optional)	not used	-
A1	CONTROLLER, I-DRIVE	747710
R1	SPEED POTENTIOMETER ASSEMBLY	747026
BDI	BATTERY DISCHARGE INDICATOR	747011
CSI	CHARGER STATUS INDICATOR	747614
HM (optional)	HOUR METER (KIT K-E1720HM)	747624
BC (model specific)	BATTERY CHARGER 115VAC (battery type specific)	957937
BC (model specific)	BATTERY CHARGER 230VAC (battery type specific)	957937
G1	BATTERY, 12V 140AH (2 REQUIRED)	956704
G1 (optional)	BATTERY, GEL 12V 100AH (2 REQUIRED)	956157
D1	DIODE, MAIN RELAY	Part of K1
D2	DIODE ASM, BRUSH MOTOR RELAY	740482
D3	DIODE ASM, VACUUM MOTOR RELAY	740482

REFERENCE #	CONNECTOR FUNCTION	PART # -female	PART # -male
X1	KEYSWITCH (S1)	744012	748037
X2	SWITCH, BRUSH MOTOR (S2B)	747022	747021
X3	CHARGER STATUS INDICATOR (CSI)	Part of CSI	Part of BC
X4	SWITCH, VACUUM (S3)	747022	747021
X5	MOTOR, VACUUM (M3)	748021	748020
X6	BATTERY CONNECTOR	740159	740159
X7	SWITCH, BRUSH MOTOR (S2A)	747022	747021
X8 (optional)	not used	-	-
X9	not used	-	-
X10	OPERATOR HANDLE CABLE	741093	740697
X11	OPERATOR HANDLE CABLE	740366	740697
X13	BATTERY CHARGER (BC)- INTERNAL RELAY	740366	740697
X14	BATTERY CHARGER (BC)-INTERNAL RELAY	740366	740697
X15	SOLENOID (Y1) /HOUR METER CONNECTION (HM)	740366	741165
X16	SOLENOID (Y1) /HOUR METER CONNECTION (HM)	740366	741165
X17 (optional)	OPTIONAL HOUR METER (HM) WIRE-747656	740366	741165
X18 (optional)	OPTIONAL HOUR METER (HM) WIRE-747657	740366	741165
X19	BATTERY GAUGE (BDI)	Part of BDI	747033
X20	SPEED POT ASSEMBLY (R1)	741298	741302
X21	SWITCH, TRANSAXLE (S4)	747022	747021
X22	OPERATOR HANDLE CABLE: 747632-1	747029	747033
X23	I-DRIVE HARNESS: 747673	Part of A1	748037
X24	TRANSAXLE (M4)	748021	748020
X25	I-DRIVE (A1) TO VACUUM SWITCH (S3)	740366-1	741165
X26	I-DRIVE (A1) TO VACUUM SWITCH (S3)	741093	740698
X27	I-DRIVE (A1) TO VACUUM RELAY-CONTACT	741093	741165
X28 (optional)	not used	-	-
X29 (optional)	not used	-	-

“Excellence Meets Clean”

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for Industrial Facilities.**