

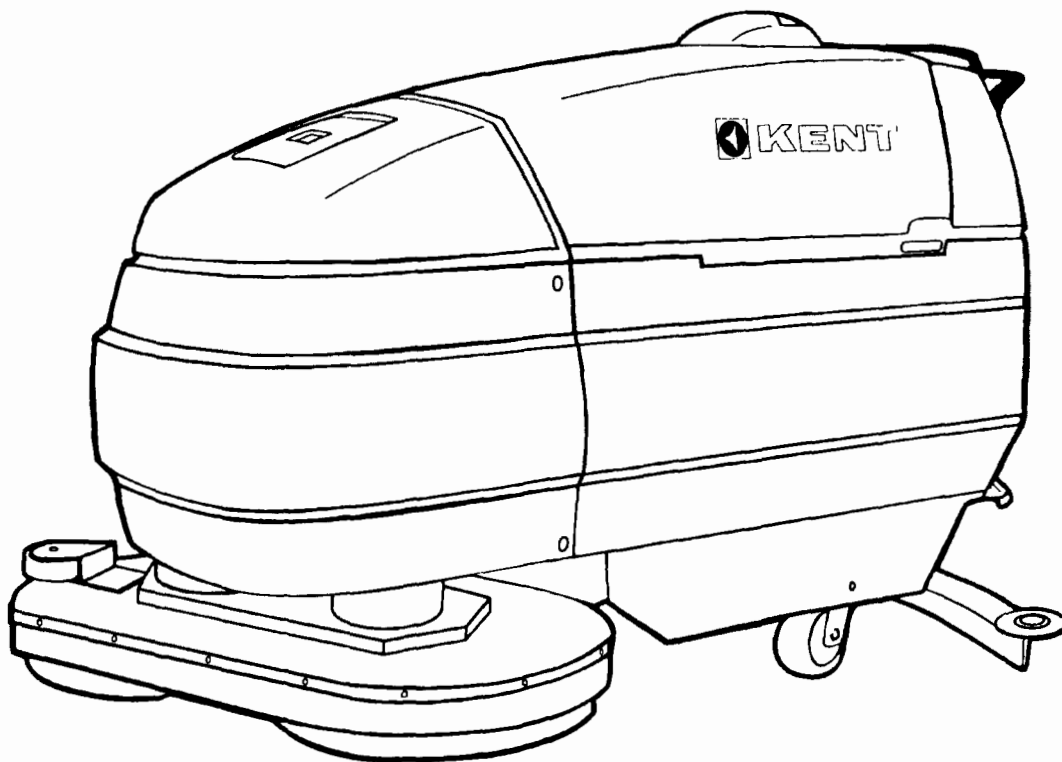
KENT

PARTS MANUAL

SERVICE • PARTS

AUTOMATIC SCRUBBERVAC

KA-39 DuraScrub



EDITION 1
MARCH 1996
083361

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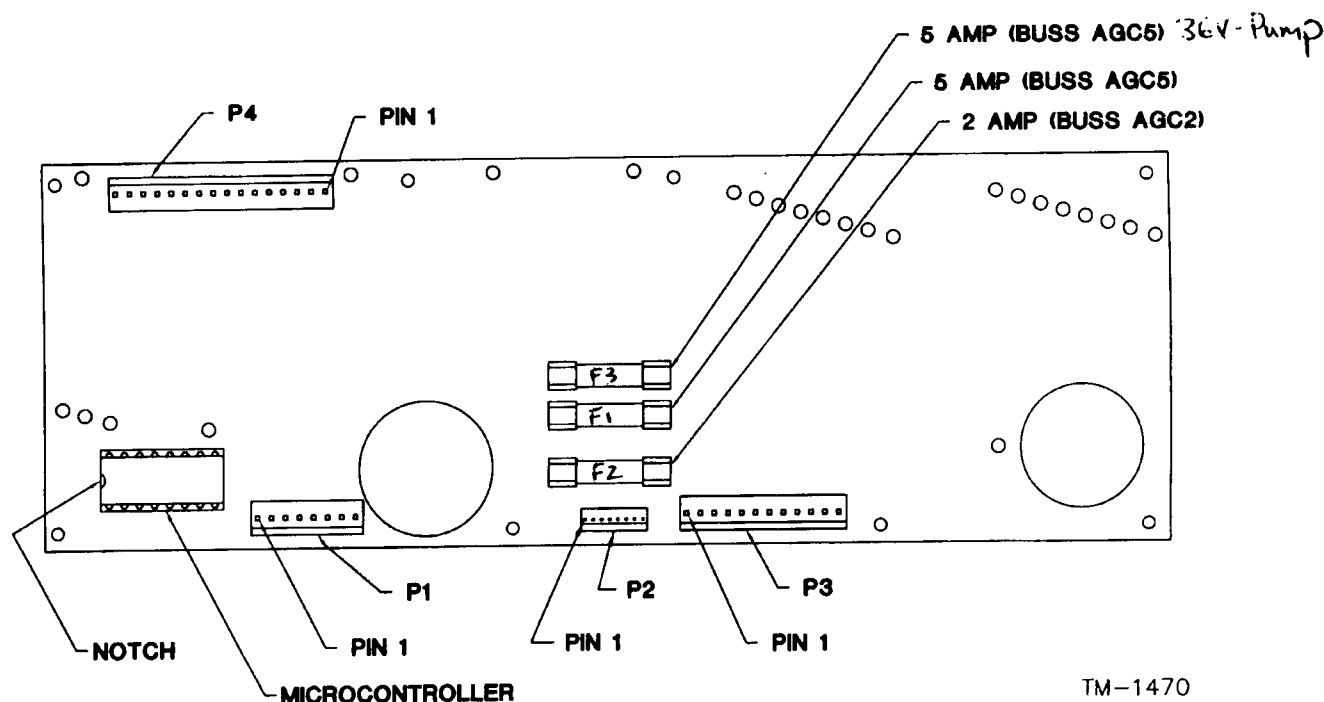
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RECOMMENDED SPARE PARTS

Recommended spare parts should be ordered and stocked to avoid possible down time in case of failure, breakage, or normal wear.

PART NO.	DESCRIPTION	QUANT.
035302	ASM,HOSE--SQUEEGEE,BLK,22"L	1
035129	ASM,HOSE--TANK,BLK,36"L	1
035179	ASM,HOSE--DUMP,1,50 DIA,BLK,40"L	1
039135	BRUSH, MTR--FOR 024360 MTR	2
039276	BRUSH,MTR--FOR 024372 MOTOR	4
039428	BRUSH,MTR--FOR 024373 VAC MTR	2
047484	KNOB	1
056632	RUBBER,SQUEEGEE--39" AUTO,FRONT	1
056633	RUBBER,SQUEEGEE--39" AUTO,REAR	1
056634	RUBBER,SQUEEGEE--39" AUTO,BACKUP	1
056466	GASKET,SQUEEGEE--.187 x 2, 9.75L	1
056793	FILTER,SCREEN--1.85ID,SS	1

DURASCRUB SYSTEM CIRCUIT BOARD CONNECTIONS



TM-1470

CONNECTOR P1

PIN 1	TANK PROBE 1 (-), NO.57
PIN 2	TANK PROBE 2 (+), NO.58
PIN 3	BRUSH UP SWITCH (-), NO.17
PIN 4	BRUSH UP SWITCH (+), NO.18
PIN 5	BRUSH DOWN SWITCH (-), NO.23
PIN 6	BRUSH DOWN SWITCH (+), NO.22
PIN 7	ON/OFF HANDLE SWITCH (-), NO.55
PIN 8	ON/OFF HANDLE SWITCH (+), NO.56

PIN 4	(-) JUNCTION BAR, NO.60
PIN 5	(-) JUNCTION BAR, NO.61
PIN 6	(-) JUNCTION BAR, NO.62
PIN 7	WATER PUMP (+), NO.51
PIN 8	WATER PUMP (-), NO.52
PIN 9	LOAD INDICATOR (+), NO.64
PIN 10	LOAD INDICATOR (-), NO.59
PIN 11	BATTERY LOW INDICATOR (+), NO.4
PIN 12	BATTERY LOW INDICATOR (-), NO.8

CONNECTOR P2 (KEYPAD)

Function Pin combinations:

GROUND	PIN 1
WATER FLOW SELECT	PIN 2 & 6
WATER FLOW ON/OFF	PIN 3 & 6
BRUSH PRESSURE (+)	PIN 4 & 6
BRUSH PRESSURE (-)	PIN 5 & 6
BRUSH INSTALL	PIN 2 & 7
BRUSH REMOVE	PIN 3 & 7
VACUUM ON/OFF	PIN 4 & 7
BRUSH ON/OFF	PIN 5 & 7

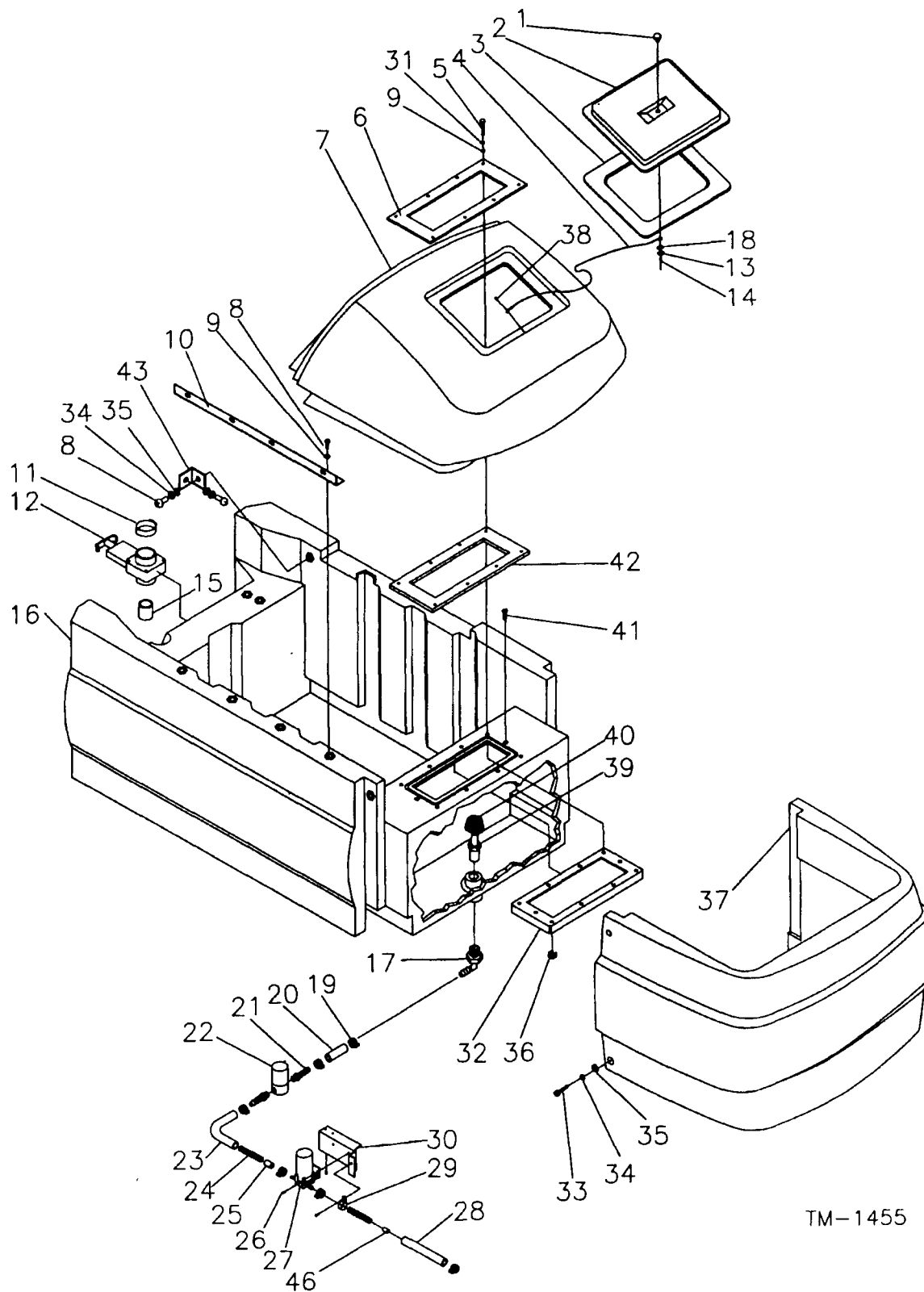
CONNECTOR P3

PIN 1	MAIN SOLENOID, NO.63
PIN 2	NOT USED
PIN 3	NOT USED

CONNECTOR P4

PIN 1	BRUSH DOWN SOLENOID (+), NO.33
PIN 2	BRUSH DOWN SOLENOID (-), NO.32
PIN 3	BRUSH UP SOLENOID (+), NO.25
PIN 4	BRUSH UP SOLENOID (-), NO.20
PIN 5	NOT USED
PIN 6	NOT USED
PIN 7	REMOVE SOLENOID (+), NO.47
PIN 8	REMOVE SOLENOID (-), NO.48
PIN 9	INSTALL SOLENOID (+), NO.43
PIN 10	INSTALL SOLENOID (-), NO.44
PIN 11	WATER VALVE (+), NO.49
PIN 12	WATER VALVE (-), NO.50
PIN 13	BRUSH ON/OFF SOLENOID (+), NO.45
PIN 14	BRUSH ON/OFF SOLENOID (-), NO.46
PIN 15	VAC SOLENOID (+), NO.53
PIN 16	VAC SOLENOID (-), NO.54

KA-39 SOLUTION TANK ASSEMBLY



TM-1455

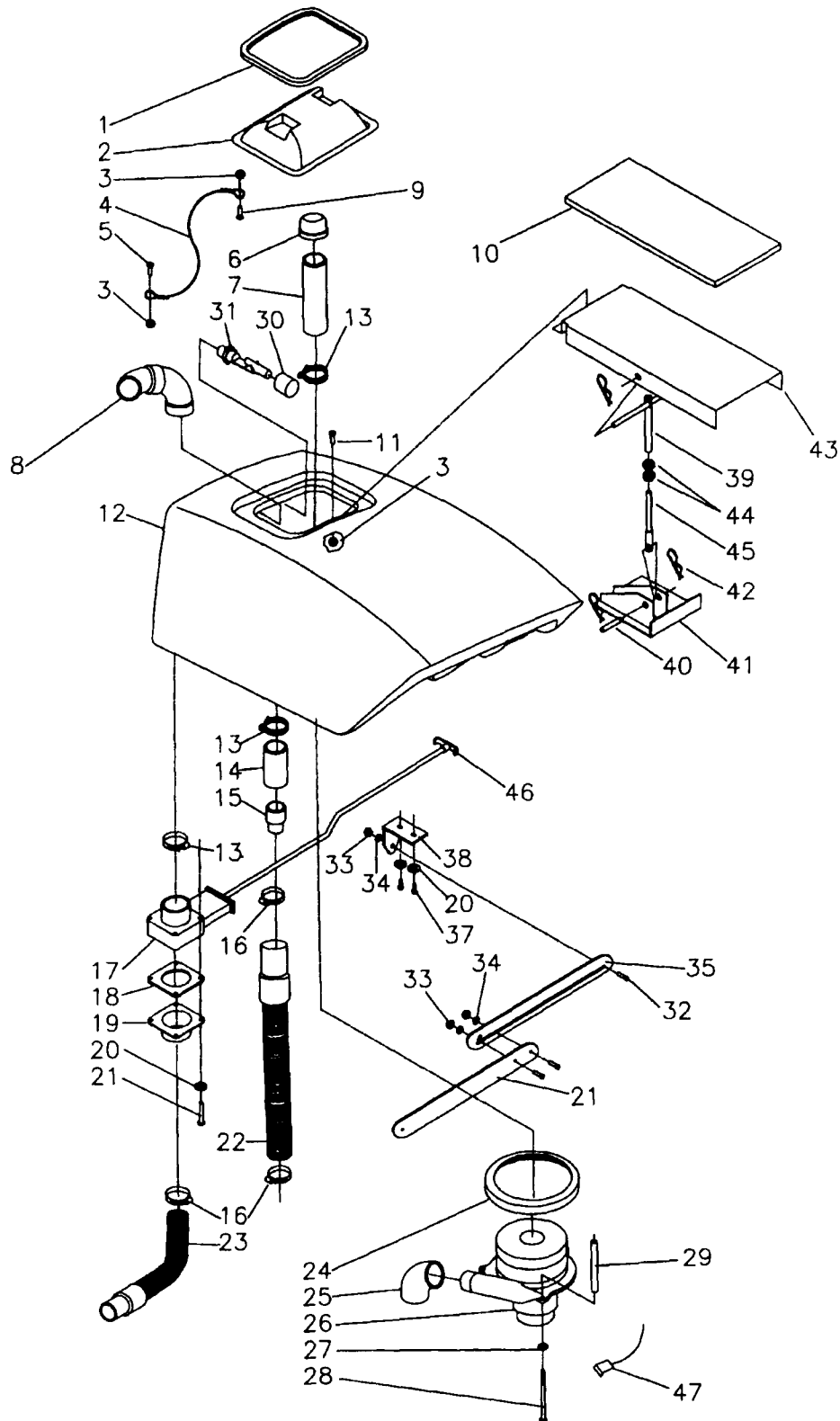
KA-39 SOLUTION TANK PARTS LIST

DET.	PART NO.	DESCRIPTION	QUANT.	DET.	PART NO.	DESCRIPTION	QUANT.
1	048022	KNOB	1	23	048505	TUBE,VINYL—.500X.750, 6.75L	1
2	056250	LID,TANK—DURASCRUB	1	24	053321	SPRING,COMP—.480D,2.75L,.059W	4
3	056379	GASKET,FOAM—EXTR.RECOVERY	1	25	056770	TUBE,VINYL—.375X.500, .750L	2
4	053793	WIRE ROPE—.062 DIA X 10.50L	1	26	005316	SCR TPG F PAN HD 10-24X.375L	5
5	002477	SCR CAP HEX HD .25-20X1.50L,SS	8	27	035257	ASM,PUMP—12V,1GPM	1
6	056524	PLATE,SS—11GA,5.75X13.00	1	28	057083	TUBE,VINYL-.500ID,.750OD,10"L	1
7	056441	TANK,FRONT—MACH'D,33&39AUTOS	1	29	056682	CLAMP,TUBE—.750CLAMP DIA.	1
8	005616	SCR MACH RD HD .250-20X.50L,SS	8	30	056659	BRACKET,WATER PUMP—	1
9	004207	WSHR FLT .281ID.562OD.063T BRS	12				
10	056514	HINGE,BUTT—RS 056291,BLACK	1	31	002278	WSHR LK .262ID.489OD.062TSPLT	8
				32	056338	FRAME,CLAMP—TANK SEAL	1
11	049999	CLAMP,HOSE—2.25 MAX DIA,WORM	1	33	002471	SCR CAP SOC HD—.25-20X1.25 L	4
12	055070	VALVE,SLIDE—SHUTOFF,1.5PIPE,T	1	34	004254	WSHR LK .267ID.510OD.028T EXT	4
13	004253	WSHR LK .204ID.410OD.025T EXT	1	35	004208	WSHR FLT .281ID.500OD.036T STL	4
14	005456	SCR MACH PAN HD 10-24X.500L	1	36	005628	NUT,SELF-RETAINING—1/4-20,SS	10
15	056593	TUBE,PLSTC—1.66-1.50 REDUCER	1	37	056648	COVER,FRONT—FLAME TREATED	1
16	057802-1	TANK,SKIRT—AUTOS,MACHINED	1	38	002382	SCR TPG F PAN HD 10-B X.500L	1
17	056231	ELBOW,PLASTIC—1/2MPTX1/2BARB	1	39	051207	ADPTR,PP-HS—1/2 MPTX3/8HS,PLS	1
18	005407	WSHR FLT .203ID.562OD.045T STL	1	40	057209	LINE STRAINER—80 MICRON,S.S.	1
19	051117	CLAMP,HOSE—.875 MAX DIA,WORM	6				
20	051514	TUBE,VINYL—.500X.750, 2.25L	1	41	002475	SCR MACH FLAT HD .250-20X.750L	2
21	006142	ADPTR,PP-HS—3/8 MPTX1/2HS,BRS	2	42	056523	GASKET,FOAM—5.75X13.00,.375T	1
22	027145	VALVE,SOLENOID—24V	1	43	056857	BRACKET,ANGLE—11GA,1.50WIDE	2
6	055454	ASM, Valve - side (Co-Typed)		46	057226	CLAMP,SS—.113ID,500OD,0.50L	1
6	057157	Handle - valve, alum.			056464	Wiring Diagram	
					056821	Decal - Disassembly	
					056822	Decal - Maint.	

AVAILABLE ASSEMBLIES

035136 ASM, SOLUTION TANK--INCLUDES ITEMS 1-7, 11-18, 31-32, 36, 38-42

KA-39 RECOVERY TANK ASSEMBLY



TM-1461

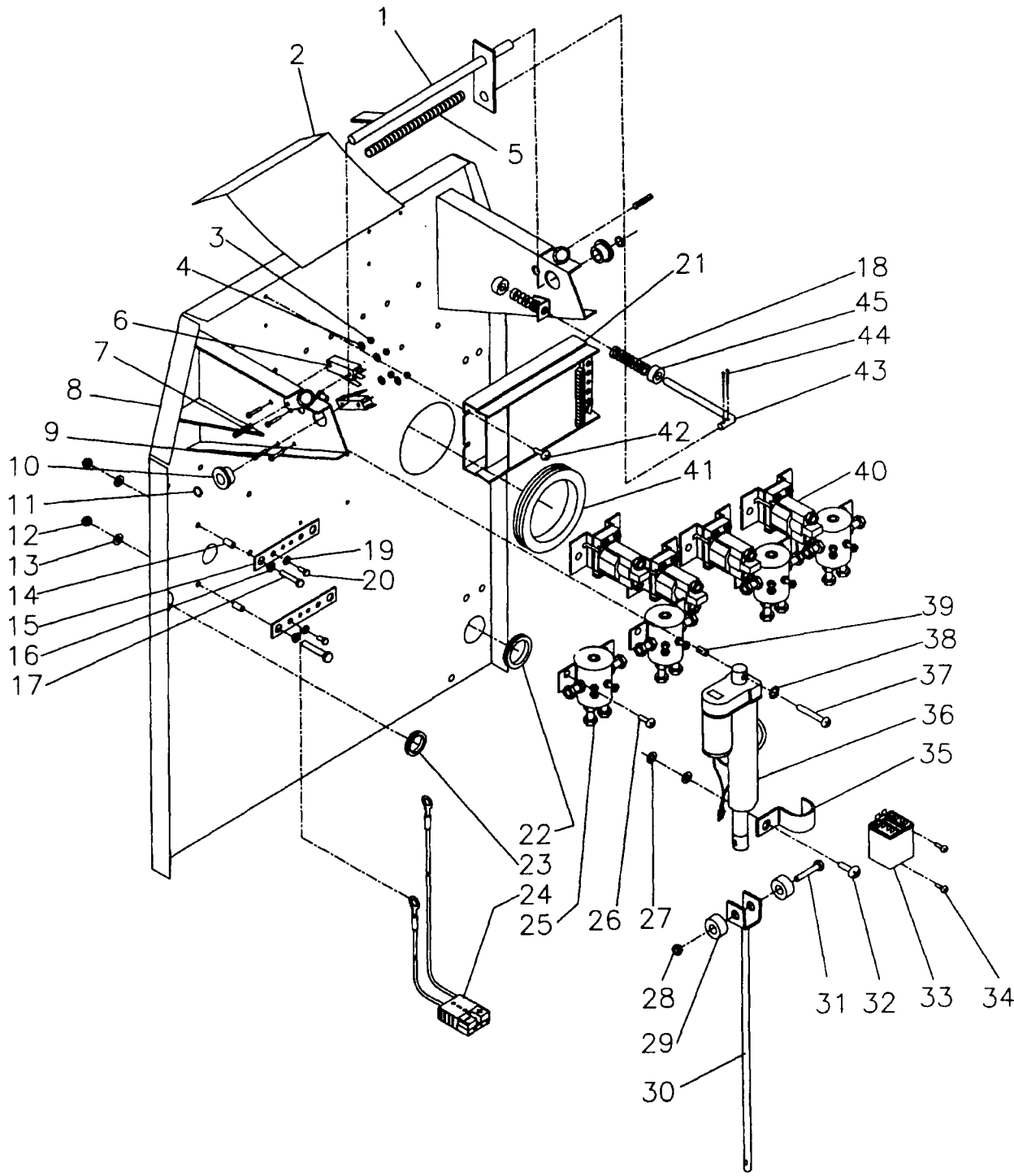
KA-39 RECOVERY TANK PARTS LIST

DET. PART NO.	DESCRIPTION	QUANT.	DET. PART NO.	DESCRIPTION	QUANT.
1 057390	GASKET,FOAM—EXTR.RECOVERY	1	24 E23788B	RING-MOTOR MOUNTING	1
2 057579	LID,DOMED—DURASCRUB,CLEAR	1	25 056676	ELBOW,PIPE—RS 98402,CUT OFF	1
3 005480	NUT,HEX LOCK— 10-24,NYLOC	3	26 035240	ASM,VAC MTR—36V,3-STAGE	1
4 056617	WIRE ROPE—.062DIA X 6.00L	1	27 004254	WSHR LK .267ID.510OD.028T EXT	7
5 002382	SCR TPG F PAN HD 10-B X.500L	1	28 223213	SCR CAP HEX HD .250-20X4.00L	3
6 056793	FILTER,SCREEN—1.85ID,SS	1	29 056764	SPACER,PHEN—.265X.500,3.156L	3
7 055494	PIPE,PVC—1.50 SCH40 X 6.00L	1	30 057318	ADPTR,FLOAT—DURA SCRUB	1
8 056758	ASM,ELBOW—RECOVERY TANK	1			
9 002449	SCR MACH PAN HD 10-24X.875L,SS	4	31 057002	SWITCH,FLOAT W/WIRE	2
10 057076	GASKET,SUPPORT—33&39AUTO	1	32 002433	SCR SHLDR SOC HD .250X.500L	3
			33 005430	NUT,HEX—,250-20,SS	3
11 002491	SCR MACH FLAT HD 10-24X1LSS	1	34 005433	WSHR FLT .281ID.750OD.120T STL	3
12 057297-1	TANK,REC—MACH'D,KA-33SS	1	35 057508-02	BAR,STL—11GA,W/SLOT,PLATED	1
13 049999	CLAMP,HOSE—2.25 MAX DIA,WORM	3	37 001273	SCR MACH RD HD 10-32X.500L	2
14 056675	TUBE,PVC—AUTO	1	38 057504-02	BRACKET,STL—11GA,PLATED	1
15 053894	FITTING—REDUCER,1.58-1.50,PLS	1	39 035326	WDMT,SUPPORT—AUTOS	1
16 046688	CLAMP,HOSE—1.75 MAX DIA,WORM	2	40 057026	PIN,STL—3/8"OD,SS	1
17 057337	VALVE,SLIDE—33SS w/plastic handle	1			
18 054762	GASKET,FOAM—.187X2.87X2.87	1	41 035365	WDMT,VAC TANK—SUPPORT,33&39	1
19 035160	WDMT,DRAIN—RECOVERY TANK	1	42 004352	PIN,LOCK—.125 DIA WIRE	4
20 004253	WSHR LK .204ID.410OD.025T EXT	2	43 057075	PLATE,STL—VAC TANK SUPPORT	1
			44 003438	NUT,HEX JAM—.375-16,SST	2
21 057505-02	BAR,STL—11GA,PLATED	1	45 035327	WDMT,SUPPORT—REC TANK	1
22 035129	ASM,HOSE—TANK,1.50 DIA,BLK	1	46 057187	HANDLE,SLIDE VALVE—SERVICE	1
23 035179	ASM,HOSE—DUMP,BLK,1.50 DIA	1	47 039428	BRUSH,MTR—FOR 024373 VAC MTR	2

AVAILABLE ASSEMBLIES

035119 ASM, RECOVERY TANK--INCLUDES ITEMS 1-15, 17-21, 24-35, 37-47

KA-39 BACK PANEL ASSEMBLY

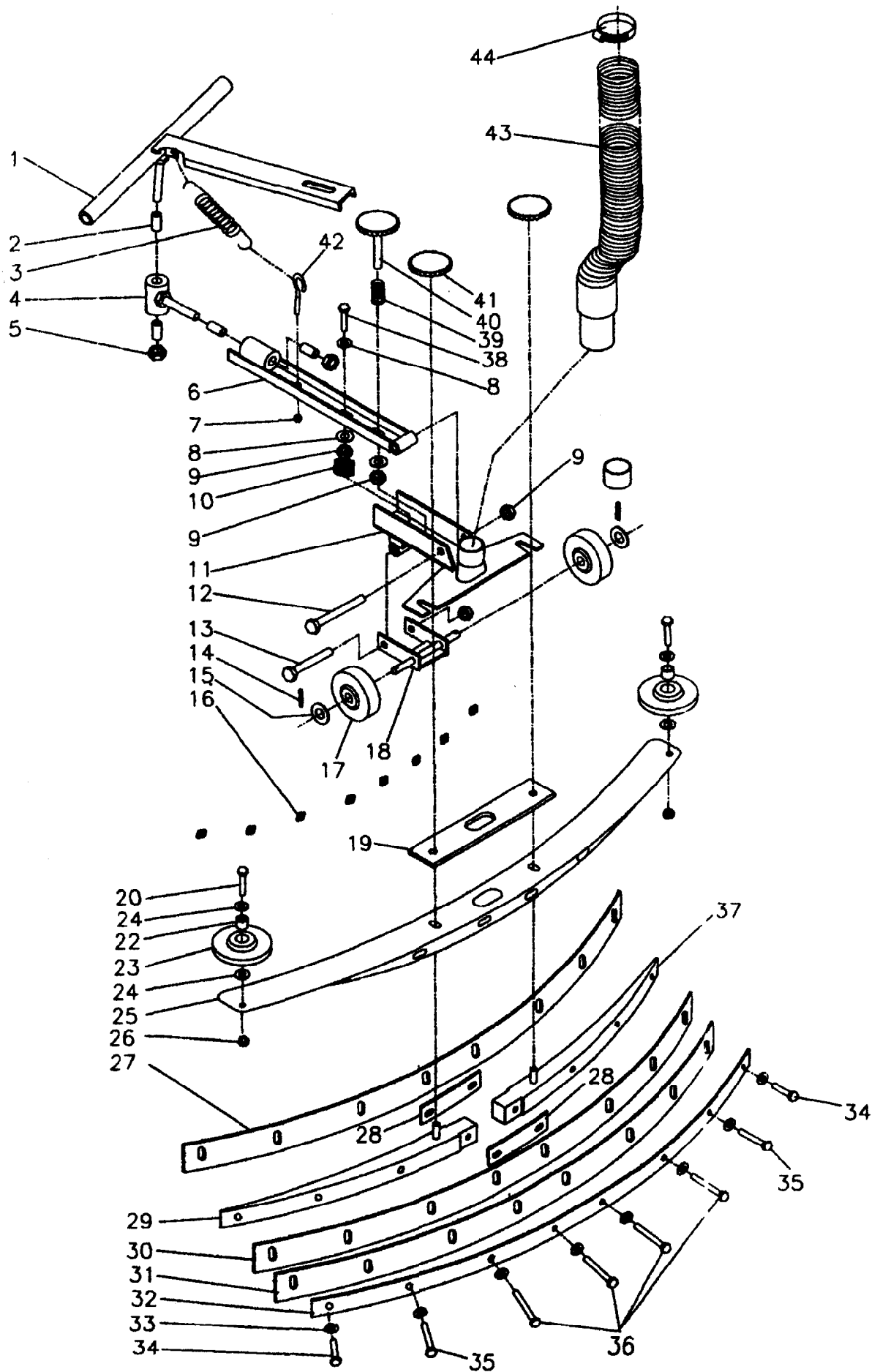


KA-39 BACK PANEL PARTS LIST

DET. PART NO.	DESCRIPTION	QUANT.	DET. PART NO.	DESCRIPTION	QUANT.
1 035384	WDMT.SHAFT—ACTUATOR	1	24 027152	ASM.CHARGER PLUG—2 CNDCT	1
2 027076	INSULATION BARRIER—SPLASH CVR	1	25 026713	SOLENOID DF—SWITCH, 1/2 V	4
3 003274	NUT,HEX-- 6-32,ZN PLT	4	26 001514	SCR TPG F PAN HD 250-20X.375L	16
4 004250	WSHR LK 148ID.250OD.031TSPLT	4	27 004336	WSHR FLT 28 ID 875OD.125T STL	2
5 057176	TUBE,PLSTC—SLIT,81ODX11.0"L	1	28 003363	NUT,HEX LOCK—250 20,ZN PLT	1
6 026603	SWITCH,LVR—DPST,20A,125-250V	2	29 050575	SPACER,PHEN—281X 875. 375L	2
7 005624	PIN,ROLL—312DIA,1.000"L	2	30 035183	WDMT,ACTUATOR—SQUEEGEE	1
8 035463	WDMT.BACK PANEL—KA-33SS	1			
9 001248	SCR MACH RD HD 6-32X1.00L	4	31 002282	SCR CAP HEX HD 250 20X2 50L	1
10 027131	BRG,FLANGE—.500ID.750OD.500W	2	32 002371	SCR TPG F PAN HD 10-24X 625L	1
			33 027136	RELAY,DPDT—24VDC 10AMPS	1
11 004351	RING,RTNG--EXT,.500 SHAFT, "F"	2	34 005313	SCR TPG F PAN HD 8-32X 312L	2
12 003283	NUT,HEX-- 250-20,ZN PLT	4	35 056623	STRAP,CONDUIT—1IN RIGID	1
13 002278	WSHR LK 262ID.489OD.062TSPLT	4	36 027137	ACTUATOR—16V.75LBS.3IN STROKE	1
14 048268	SPACER,PLSTC—500X.625. 500L	4	37 002267	SCR CAP HEX HD 250 20X1 50L	1
15 048269	BAR, STL-- 187X.750X 4.00 LONG	2	38 004254	WSHR LK 26 ID 510OD.028T EXT	1
16 004369	WSHR SHLDR.250ID.562OD.120T,NY	4	39 049343	SPACER, STL-- 375X 500. 437L,Z	1
17 002269	SCR CAP HEX HD 250-20X1.25L	4	40 026504	SOLENOID—SWITCH SPNO.36VDC	4
18 056597	SPRING,COMP .480D 2.75L 045WD	2			
19 004212	WSHR LK 326ID.586OD.078TSPLT	4	41 054845	GROM—3.00ID,3.50MHD.,12PA	1
20 003242	SCR CAP HEX HD 312-18X.500L	4	42 005316	SCR TPG F PAN HD 10-24X 375L	4
			43 053296	ROD, STL— 312 DIA., 6.00 LONG	1
21 027138	CONTROL—DC,PROGRAMMABLE	1	44 004297	PIN,COTTER— .094X .750 LONG	2
22 056672	GROM—2"IDX2.44MHDX.12PA	1	45 048987	COLLAR-CENTERING SPRING	2
23 055434	GROM—1.0ID,1.25MHD.,125PA	1			

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KA-39 SQUEEGEE ASSEMBLY



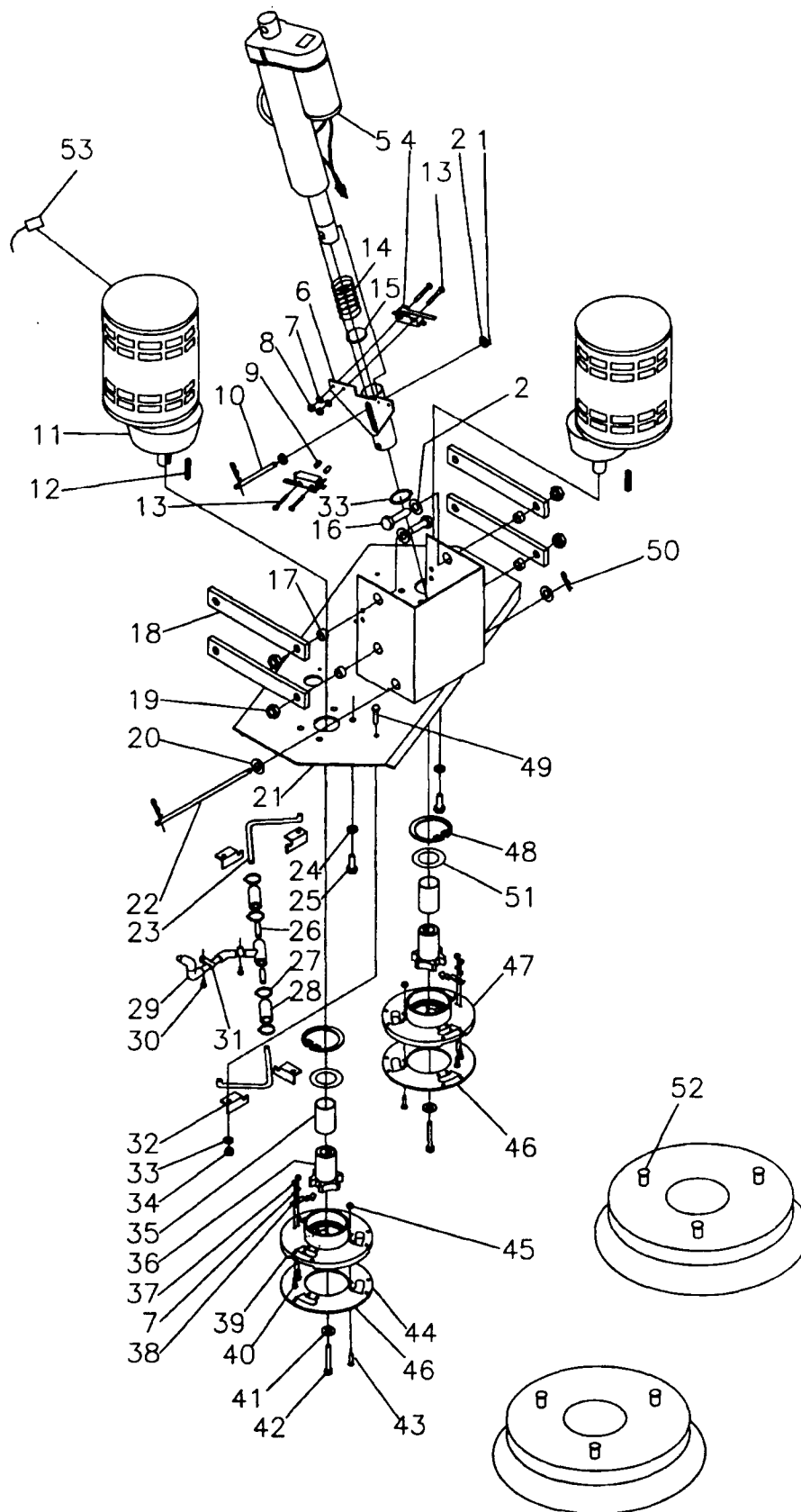
KA-39 SQUEEGEE PARTS LIST

DET. PART NO.	DESCRIPTION	QUANT.	DET. PART NO.	DESCRIPTION	QUANT.
1 035139	WDMT,SQUEEGEE LIFT—33&39AUTO	1	24 004218	WSHR FLT .344ID.750OD.060T STL	4
2 027171	BRG,SLV—.500ID,.625OD,.750W	4	25 035101	WELDMENT,SQUEEGEE—39" AUTO	1
3 051136	SPRING,EXT .750D 2.92L .104WD	1	26 003378	NUT,HEX LOCK—.312-18,ZN PLT	2
4 035150	WDMT,SQUEEGEE PIVOT—33&39AUTO	1	27 056632	RUBBER,SQUEEGEE—FRT,39" AUTO	1
5 003370	NUT,HEX LOCK—.500-13,ZN PLT	2	28 056461	CLAMP,SQUEEGEE—11GA,5.00L	2
6 035137	WDMT,SQUEEGEE BAR—33&39AUTOS	1	29 056432	SPACER,SQUEEGEE—LEFT 39" AUTO	1
7 005479	NUT,HEX LOCK—.250-20,NYLOC,ZN	1	30 056633	RUBBER,SQUEEGEE—REAR,39 AUTO	1
8 005219	WSHR FLT .406ID1.00OD.071T STL	4	31 056634	RUBBER,SQUEEGEE—BACKUP,39AUTO	1
9 003368	NUT,HEX LOCK—.375-16,ZN PLT	4	32 056635	STRAP,SQUEEGEE—39" AUTO	1
10 056808	SPRING,COMP—.970D,.750L,.072W	1	33 004531	WSHR FLT .281ID.625OD.080T,SS	8
11 035138	WDMT,SQUEEGEE BRACKET—33&39	1	34 002454	SCR CAP HEX HD .250-20X1.50L	2
12 002445	SCR CAP HEX HD .375-16-2.50L	1	35 002476	SCR CAP HEX HD .250-20X2.00L	2
13 003268	SCR CAP HEX HD .375-16X3.00L	1	36 002455	SCR CAP HEX HD .250-20X2.50L	4
14 005383	PIN,COTTER—.094X1.000 LONG	2	37 056431	SPACER,SQUEEGEE—RIGHT,39" AUT	1
15 004223	WSHR FLT .406ID.625OD.036T STL	2	38 002332	SCR CAP HEX HD .375-16X1.75L	1
16 005591	NUT,SELF RETAINING—.250-20	8	39 056585	SPRING,COMP .845D 1.75L .085WD	1
17 057193	WHEEL,PLASTIC—3"OD,3/8"BORE	2	40 035163	ASM,KNOB—ADJUSTMENT,.375-16	1
18 03 35	WDMT,BRACKET—SQUEEGEE WHEEL	1	41 047484	KNOB	2
19 056466	GASKET,SQUEEGEE—.187X2,9.75L	1	42 005594	BOLT,EYE—.250-20,X1.0 SHANK	1
20 003249	SCR CAP HEX HD .312-18X1.25L	2	43 035302	ASM,HOSE—SQUEEGEE,1.5DIA,BLK	1-13 10-14
22 053699	SPACER,STL—.312X.437,.43L	2	44 046688	CLAMP,HOSE—1.75 MAX DIA,WORM	1
23 053720	WHEEL—4.00DIA,.438BORE,.688HB	2			

AVAILABLE ASSEMBLIES

035099 ASM, SQUEEGEE--INCLUDES ITEMS 16, 19-37
 035140 ASM, SQUEEGEE LINKAGE--INCLUDES ITEMS 1-18, 38-41
 035156T ASM, SQUEEGEE - RUBBER SET, ITEMS 27, 30, 31

KA-39 BRUSH HEAD ASSEMBLY



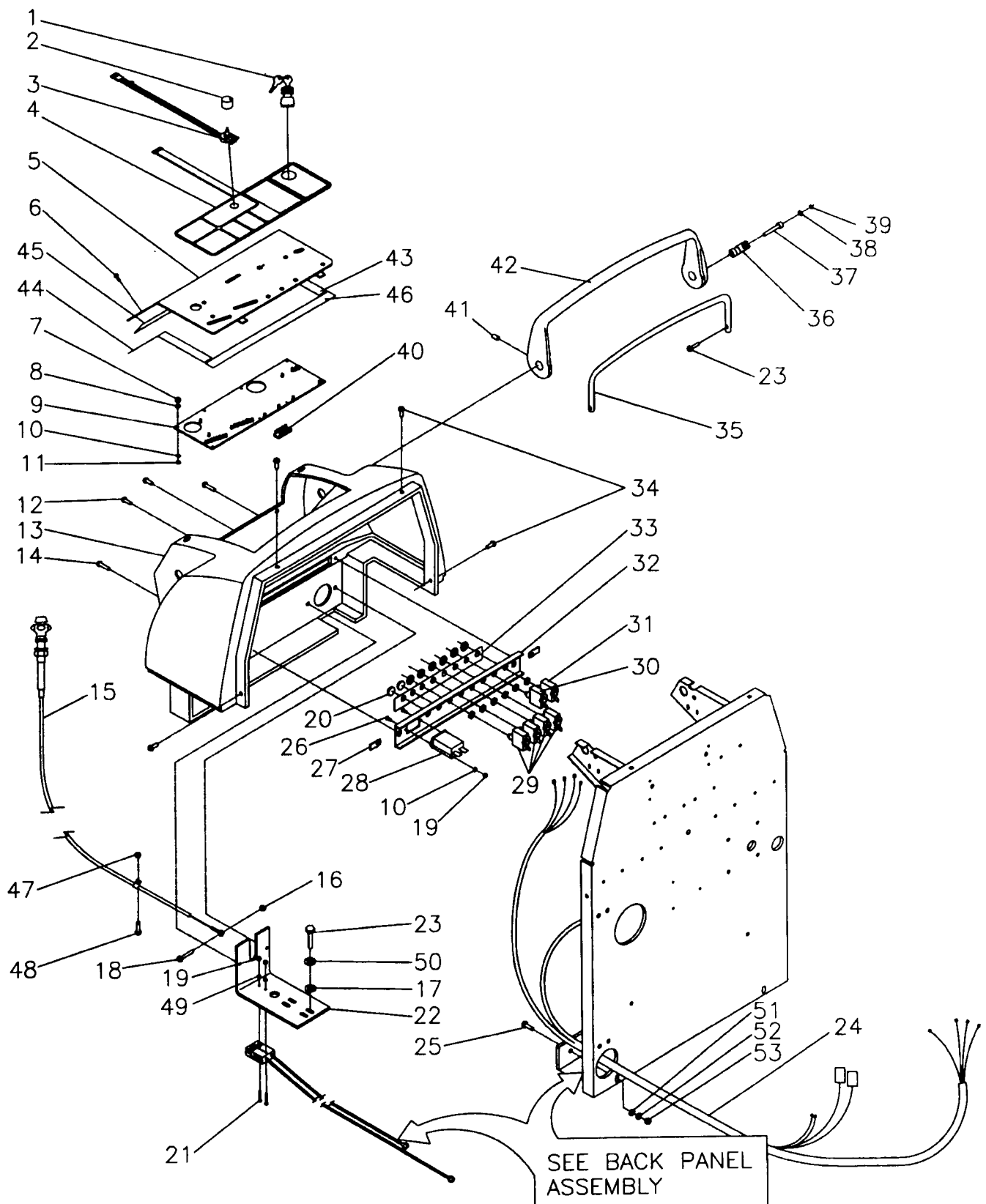
KA-39 BRUSH HEAD PARTS LIST

DET.	PART NO.	DESCRIPTION	QUANT.	DET.	PART NO.	DESCRIPTION	QUANT.
1	005200	PIN,COTTER—.125X1.000 LONG	1	28	056803	TUBE,VINYL—.500X.750, 6.00L	2
2	004238	WSHR FLT .531ID1.00OD.071T STL	4	29	035334	ASM,TUBE—PVC,50L,39"	1
3	005227	WSHR FLT .531ID.875OD.036T STL	2	30	005316	SCR TPG F PAN HD 10-24X.375L	2
4	026603	SWITCH,LVR—DPST,20A,125-250V	2	31	051474	CLAMP,LOOP—.609 CLOSED I.D.	2
5	024368	ACTUATOR,DC—36V,500LBS,6IN	1	32	053277	BRACKET,SOLN TUBE—.75X.75X1.8	4
6	035547-02	WDMT,ACTUATOR TUBE—BRUSH LIFT	1	34	003363	NUT,HEX LOCK—.250-20,ZN PLT	4
7	004250	WSHR LK .148ID.250OD.031TSPLT	8	35	056464	TUBE,SS—1.50OD,16GA,1.937L	2
8	003274	NUT,HEX— 6-32,ZN PLT	4	36	056445	SHAFT,DRIVE—BRUSH,AUTOS	2
9	046425	SPACER,PHEN—.250X.437, .250L	2	37	003466	NUT,HEX— 6-32,SS	4
10	056155	PIN—ACTUATOR	1	38	056468	CLIP,RETAINING—BRUSH LUG	2
11	039623	SHAFT + GEAR		39	056447	HUB,DRIVE—BRUSH,AUTOS,RIGHT	1
11	024441	ASM,MTR&GEAR UNIT—1HP,W/RINGS	2	40	001515	SCR MACH PAN HD 6-32X.500L	4
12	051663	KEY,SQUARE—.250SQ,1.50L	2	41	005358	WSHR LK—.326ID.586OD.078T SPL	2
13	005261	SCR MACH RD HD 6-32X1.25L	4	42	002499	SCR CAP SOC HD .312-18X2.00L	2
14	054427	SPRING,COMP—1.09D 2.50L.135WD	1	43	002473	SCR MACH FLAT HD 10-24X.875L	12
15	056639	PLATE,STL—13GA,1.125DIA	1	44	057159	PLATE,SS—BRUSH MTG RING,RIGHT	1
16	003270	SCR CAP HEX HD .500-13X1.25L	4	45	222224	NUT,HEX LOCK— 10-24,ZN PLT	12
17	056473	SPACER,STL—.531X.750C .218L,Z	4	46	057160	PLATE,SS—BRUSH MTG RING,LEFT	1
18	056254	BAR,STL—.375X1.25, 9.25L	4	47	056446	HUB,DRIVE—BRUSH,AUTOS,LEFT	1
19	003370	NUT,HEX LOCK—.500-13,ZN PLT	4	48	004529	RING,RTNG—INT,2.375 BORE	2
20	005219	WSHR FLT .406ID1.00OD.071T STL	2	49	002459	SCR CAP HEX HD .250-20X.500LSS	4
21	035130	WDMT,BRUSH HEAD—39 DURASCRUB	1	50	004352	PIN,LOCK—.125 DIA WIRE	2
22	056474	SHAFT,STL—.375DIA, 8.00L	1	51	004548	WSHR FLT 1.770ID2.342OD.078T	2
23	055297	TUBE,FORMED—AUTO,SOLN,RIGHT	2	52	005630	LUG,BRUSH—.250-20 THREAD	6
24	004214	WSHR LK .390ID.683OD.094TSPLT	8	53	039276	BRUSH,MTR—FOR 024372&027153	8
25	003262	SCR CAP HEX HD .375-16X1.00L	8				
26	055296	TUBE,VINYL—.313X.500,1.75L	2				
27	051117	CLAMP,HOSE—.875 MAX DIA,WORM	4				

AVAILABLE ASSEMBLIES

- 035211 ASM, BRUSH HEAD--INCLUDES ITEMS 1-51, 53
- 035212 ASM, SOLUTION LINE--INCLUDES ITEMS 23, 26-31
- 035131 ASM, DRIVE HUB, RIGHT--INCLUDES ITEMS 7, 35-45, 48, 51
- 035132 ASM, DRIVE HUB, LEFT--INCLUDES ITEMS 7, 35-38, 40-43, 45-48, 51

KA-39 REAR COVER ASSEMBLY



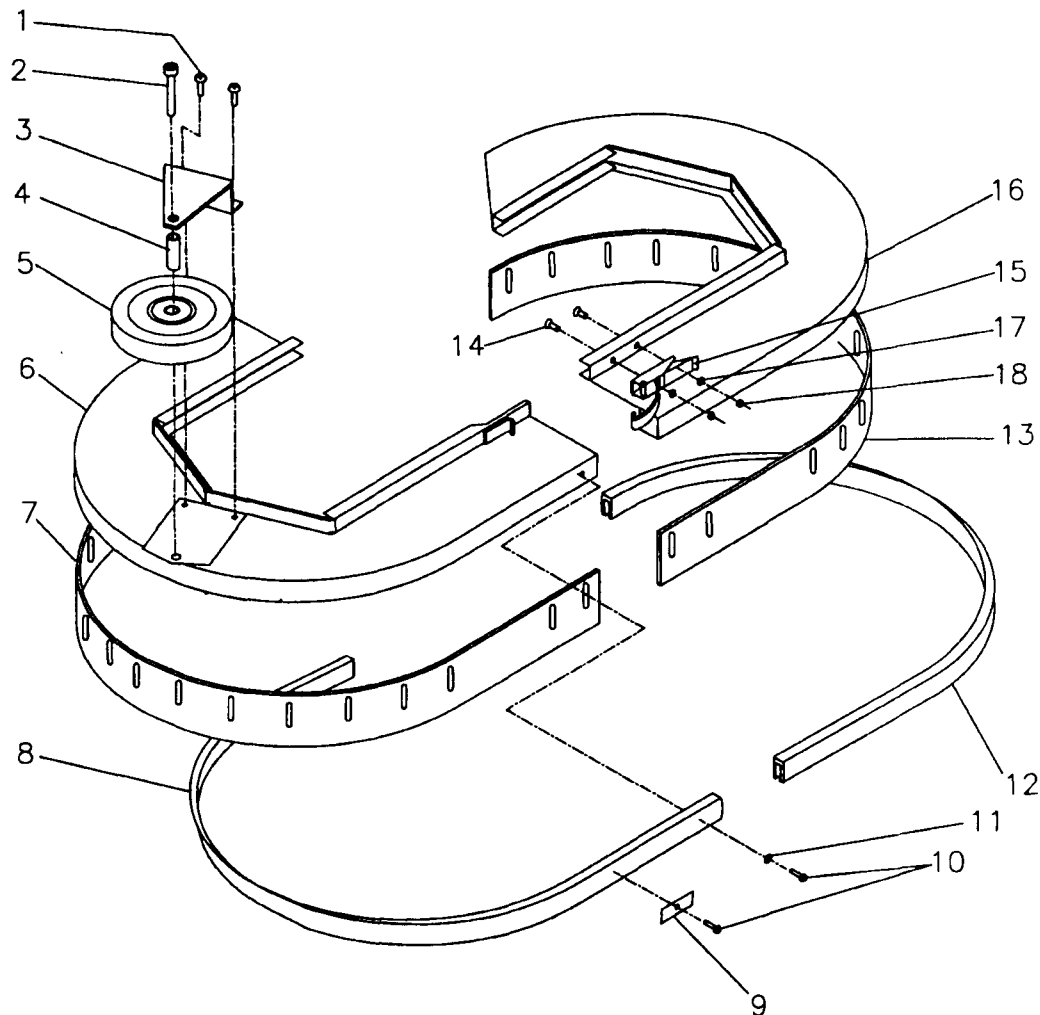
KA-39 REAR COVER PARTS LIST

DET.	PART NO.	DESCRIPTION	QUANT.	DET.	PART NO.	DESCRIPTION	QUANT.
1	057243	MASTER KEY	1	28	027147	HOURLMETER—10-80VDC, RECTANG	1
1	026584	STARTER-SWITCH-LOCKING	1	29	026198	CIRCUIT BREAKER—30AMP, SCR TRM	4
2	056596	KNOB, PLASTIC—BLACK, .92DIA X.95	1	30	026751	CIRCUIT BREAKER—10AMP	1
3	027157	ASM, POTENTIOMETER—W/PLUG	1	31	027146	CIRCUIT BREAKER—1.5AMP	1
4	027128	SWITCH PANEL—MEMBRANE, AUTOS	1	32	056499	PANEL, CIRCUIT BREAKER—AUTOS	1
5	035128	WDMT, INSTR PANEL—33&39	1	33	056649	LABEL, IDENT—CIRCUIT BREAKERS	1
6	002382	SCR TPG F PAN HD 10-B X.500L	6	34	002371	SCR TPG F PAN HD 10-24X.625L	4
7	046425	SPACER, PHEN— .250X.437, .250L	8	35	056595	HANDLE, STL— .625DIA, PAINTED	1
8	004200	WSHR FLT, .156ID.310OD.065T BRS	8	36	056359	SHAFT, STL— .750DIA, 1.75L	2
9	027157	BOARD, CIRCUIT—SYSTEM, 36	1	37	002337	SCR CAP SOC HD .250-20X1.50L	2
10	004249	WSHR LK .150ID.320OD.022T EXT	10	38	004208	WSHR FLT .281ID.500OD.036T STL	2
11	003274	NUT, HEX— 6-32, ZN PLT	8	39	056761	RING, RTNG—INT, .500BORE, N5000	2
12	002343	SCR TPG F PAN HD .250-20X.500L	2	40	027156	MICROCONTROLLER—STD	1
13	056368	COVER, REAR—MACHINED, AUTOS	1	41	005387	SCR SET CUP PT .312-18X.500L	2
14	002334	SCR MACH RD HD .250-20X.750L	2	42	056594	HANDLE, ACTUATOR—AUTOS, PAINTED	1
15	056323	ASM, CABLE—BRAKE, VERNIER CNTRL	1	43	057308	GASKET— .125x.500, 8.656L, LEFT	1
16	005479	NUT, HEX LOCK— .250-20, NYLOC, ZN	2	44	057309	GASKET— .125x.500, 8.656L	1
17	004254	WSHR LK .267ID.510OD.028T EXT	4	45	057310	GASKET— .125x.500, 11.75L	1
18	005456	SCR MACH PAN HD 10-24X.500L	2	46	057306	GASKET— .125x.500, 13.75L, TOP	1
19	003274	NUT, HEX— 6-32, ZN PLT	4	47	005480	NUT, HEX LOCK— 10-24, NYLOC	1
20	057103	PLUG, BUTTON— .500MHD, BLACK, PLS	2	48	002243	SCR CAP HEX HD .250-20X.625L	1
21	001248	SCR MACH RD HD 6-32X1.00L	2	49	004250	WSHR LK .148ID.250OD.031TSPLT	2
22	056840	BRACKET, STL—11GA, BRAKE	1	50	002278	WSHR LK .262ID.489OD.062TSPLT	2
23	005478	SCR MACH RD HD .250-20X.500L	2	51	004218	WSHR FLT .344ID.750OD.060T STL	2
24	027140	HARNESS, WIRE—MAIN, DURASCRUB	1	52	004212	WSHR LK .326ID.586OD.078TSPLT	2
25	003244	SCR CAP HEX HD .312-18X.750L	2	53	003349	NUT, HEX— .312-18, ZN PLT	2
26	223188	SCR MACH PAN HD 6-32X.500L	2	54	057243	KEY, AUTOMATICS—FOR P/N 026584	1
27	003429	NUT, SPEED, U— .250-20, .58X1.125	2				
				29	002373		8
				29	004249		8

AVAILABLE ASSEMBLIES

035127 ASM, INSTRUMENT PANEL--INCLUDES ITEMS 1, 2, 4, 5, 7-11, 40, 43-46

KA-39 BRUSH COVER ASSEMBLY



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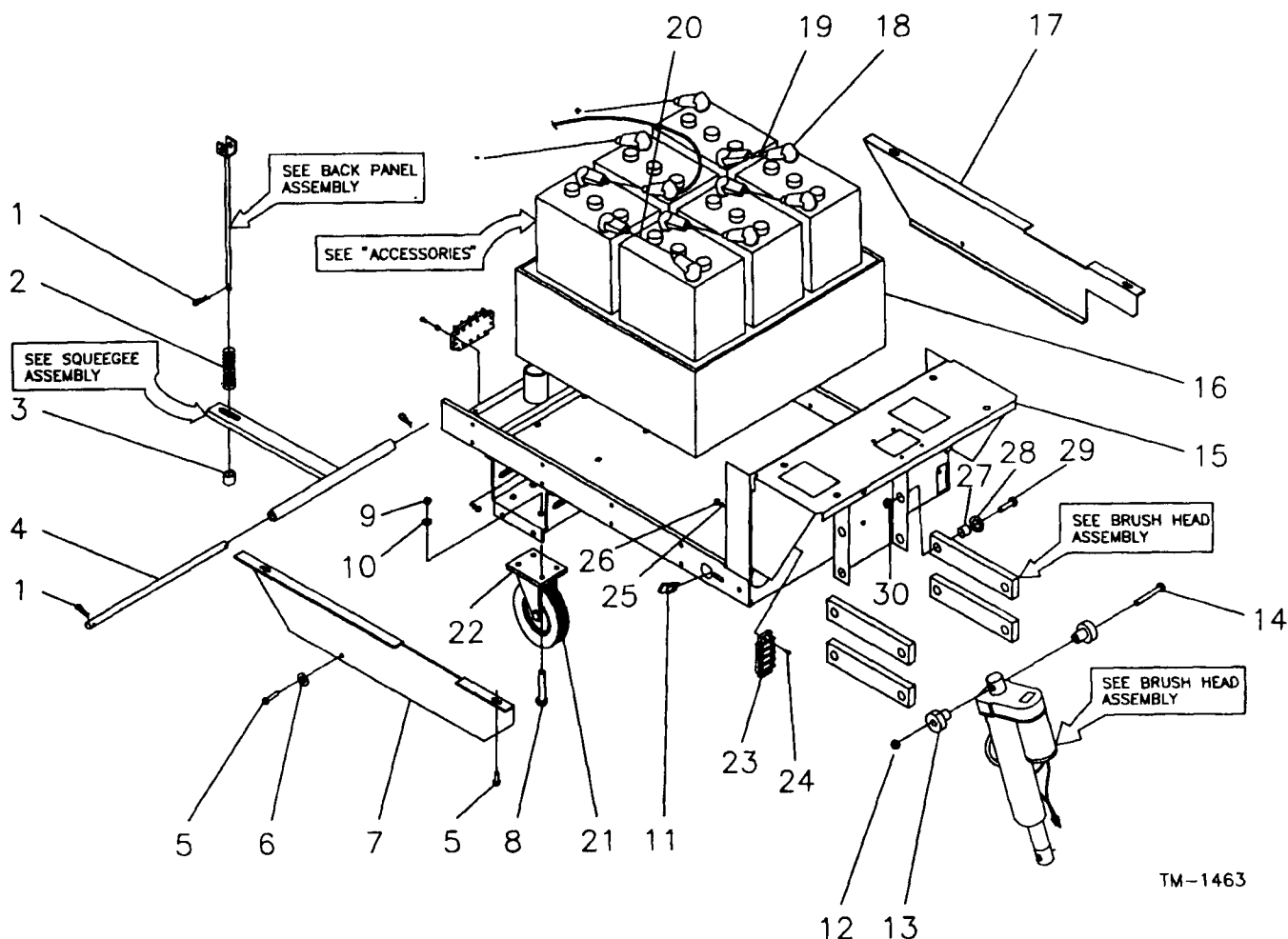
DET.	PART NO.	DESCRIPTION	QUANT.	DET.	PART NO.	DESCRIPTION	QUANT.
1	002357	SCR MACH PAN HD .250-20X.625L	2	10	004542	SCR TPG F PAN HD 10-24X.875L	28
2	005536	SCR CAP SOC HD .375-16X2.00L	1	11	005323	WSHR FLT .203ID.500OD.036T STL	4
3	056120	BRACKET—BRUSH HEAD GUIDE	1	12	056729	CHANNEL,RUBBER—BRUSH CVR,39,L	1
4	056684	SPACER,STL—.500X17GA,1.50L,Z	1	13	056668	GUARD,SPLASH—.25X3.00,39,LEFT	1
5	056673	WHEEL,BLACK—5" OD	1	14	001288	SCR MACH FLAT HD 10-24X.500L	2
6	035112	WDMT,BRUSH COVER—39AUTO,RT	1	15	054306	CLAMP,TOGGLE—BLACK,1.62 LATCH	1
7	056730	GUARD,SPLASH—.25X3.00,39,RH	1	16	035113	WDMT,BRUSH COVER—39AUTO,LEFT	1
8	056731	CHANNEL,RUBBER—BRUSH CVR,39,R	1	17	003279	NUT,HEX— 10-24,ZN PLT	2
9	052006	STR,STL—.062X.437X1.50 LONG	24	18	005297	WSHR LK .200ID.334OD.047TSPLT	2

AVAILABLE ASSEMBLIES

- 035213 ASM, BRUSH COVER, LEFT--INCLUDES ITEMS 9-18
 035214 ASM, BRUSH COVER, RIGHT--INCLUDES ITEMS 1-11

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KA-39 FRAME ASSEMBLY AND PARTS LIST

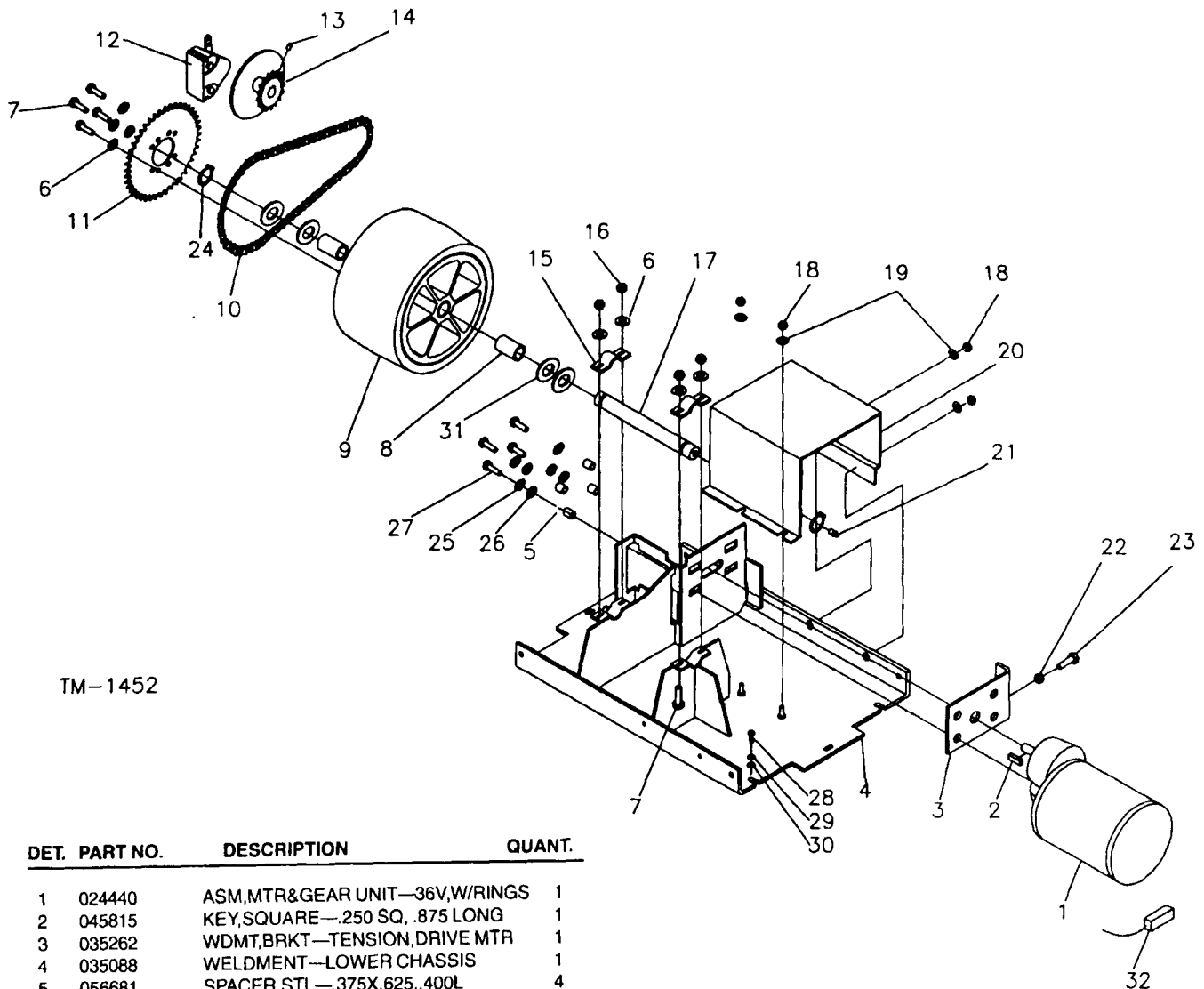


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DET.	PART NO.	DESCRIPTION	QUANT.	DET.	PART NO.	DESCRIPTION	QUANT.
1	004352	PIN, LOCK— .125 DIA WIRE	3	16	053534	BOX, BATT—32" AUTO'S, MACHINED	1
2	056618	SPRING, COMP— .845D, 3.50L, 100WD	1	17	056357	SKIRT, LOWER—LEFT, DURASCRUB	1
3	056683	SPACER, STL— .391X.625, .500L, Z	1	18	054186	BOOT, INSULATOR—BATT TERMINALS	12
4	056371	SHAFT, STL— .375 DIA, 14.62L	1	19	025085	ASM, WIRE—6GA, BLK, 10.2L, RINGS	4
5	002480	SCR MACH PAN HD .250-20X.625L	6	20	025274	ASM, WIRE—6GA, BLK, 14.0L, RINGS	1
6	004254	WSHR LK .267ID.510OD.028T EXT	6	21	039563	KIT, WHEEL & AXLE—FOR 055658	2
7	056358	SKIRT, LOWER—RIGHT, DURASCRUB	1	21	055658	CASTER, SWIVEL—5.0 DIA, 700 LB	2
8	003262	SCR CAP HEX HD .375-16X1.00L	8	23	026111	TERMINAL BLOCK—4 GERM, 50AMP	2
9	003293	NUT, HEX— .375-16, ZN PLT	8	24	005457	SCR MACH PAN HD 10-24X1.00L	8
10	004214	WSHR LK .390ID.683OD.094TSPLT	8	25	004253	WSHR LK .204ID.410OD.025T EXT	8
11	003429	NUT, SPEED, U— .250-20, .58X1.125	4	26	003279	NUT, HEX— 10-24, ZN PLT	8
12	005279	NUT, HEX LOCK— .375-16, NYLOC	1	27	056473	SPACER, STL— .531X.750C .218L, Z	4
13	054502	BSHG, SLV— .377ID.498OB1.00FLNG	2	28	004238	WSHR FLT .531ID1.00OD.071T STL	4
14	003267	SCR CAP HEX HD .375-16X2.75L	1	29	003270	SCR CAP HEX HD .500-13X1.25L	4
15	035089	WDMT—UPPER CHASSIS	1	30	003370	NUT, HEX LOCK— .500-13, ZN PLT	4
				19	025252	Red, Batt +	
				19	025945	Black, Batt -	

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KA-39 CHASSIS ASSEMBLY AND PARTS LIST



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DET.	PART NO.	DESCRIPTION	QUANT.
1	024440	ASM,MTR&GEAR UNIT—36V,W/RINGS	1
2	045815	KEY,SQUARE—.250 SQ,.875 LONG	1
3	035262	WDMT,BRKT—TENSION,DRIVE MTR	1
4	035088	WELDMNT—LOWER CHASSIS	1
5	056681	SPACER,STL—.375X.625,.400L	4
6	004212	WSHR LK .326ID.586OD.078TSPLT	8
7	003244	SCR CAP HEX HD .312-18X.750L	8
8	027130	BEARING,SLEEVE—1"ID,1.25"OD	2
9	035097	ASM,WHEEL—10"OD,AUTO'S	1
10	056448	CHAIN,ROLLER—#40,70LK&CONN	1
11	051376	SPROCKET,CHAIN—#40,.500P,44T	1
12	056245	BRAKE,MECHANICAL—CALIPER	1
13	002234	SCR SET CUP PT .250-20X.500L	1
14	035141	WDMT,SPROCKET—DURASCRUB	1
15	056327	CLAMP,AXLE—BLACK	2
16	003349	NUT,HEX—.312-18,ZN PLT	4
17	056258	AXLE—1.00 DIA X 9-5/16"L	1
18	003283	NUT,HEX—.250-20,ZN PLT	4
19	002278	WSHR LK .262ID.489OD.062TSPLT	4
20	056405	COVER,MOTOR—AUTOMATICS	1
21	054330	ZERK,GREASE—.250-28 THREAD	1

AVAILABLE ASSEMBLIES

035096 ASM, LOWER CHASSIS--INCLUDES ITEMS 1-32

DET.	PART NO.	DESCRIPTION	QUANT.
22	003294	NUT,HEX JAM—.375-16,ZN PLT	1
23	002332	SCR CAP HEX HD .375-16X1.75L	1
24	048537	RING,RTNG—EXT,.984 SHAFT,5160	2
25	004214	WSHR LK .390ID.683OD.094TSPLT	4
26	004384	WSHR FLT .406ID.875OD.064T STL	4
27	003264	SCR CAP HEX HD .375-16X1.25L	4
28	003259	SCR CAP HEX HD .375-16X.625L	4
29	004215	WSHR LK .398ID.694OD.040T EXT	4
30	004318	WSHR FLT .375ID1.06OD.120T STL	4
31	004330	WSHR FLT 1.05ID1.50OD.036T STL	4
32	039276	BRUSH,MTR—FOR 024372&027153	4

10 44781 Master link

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