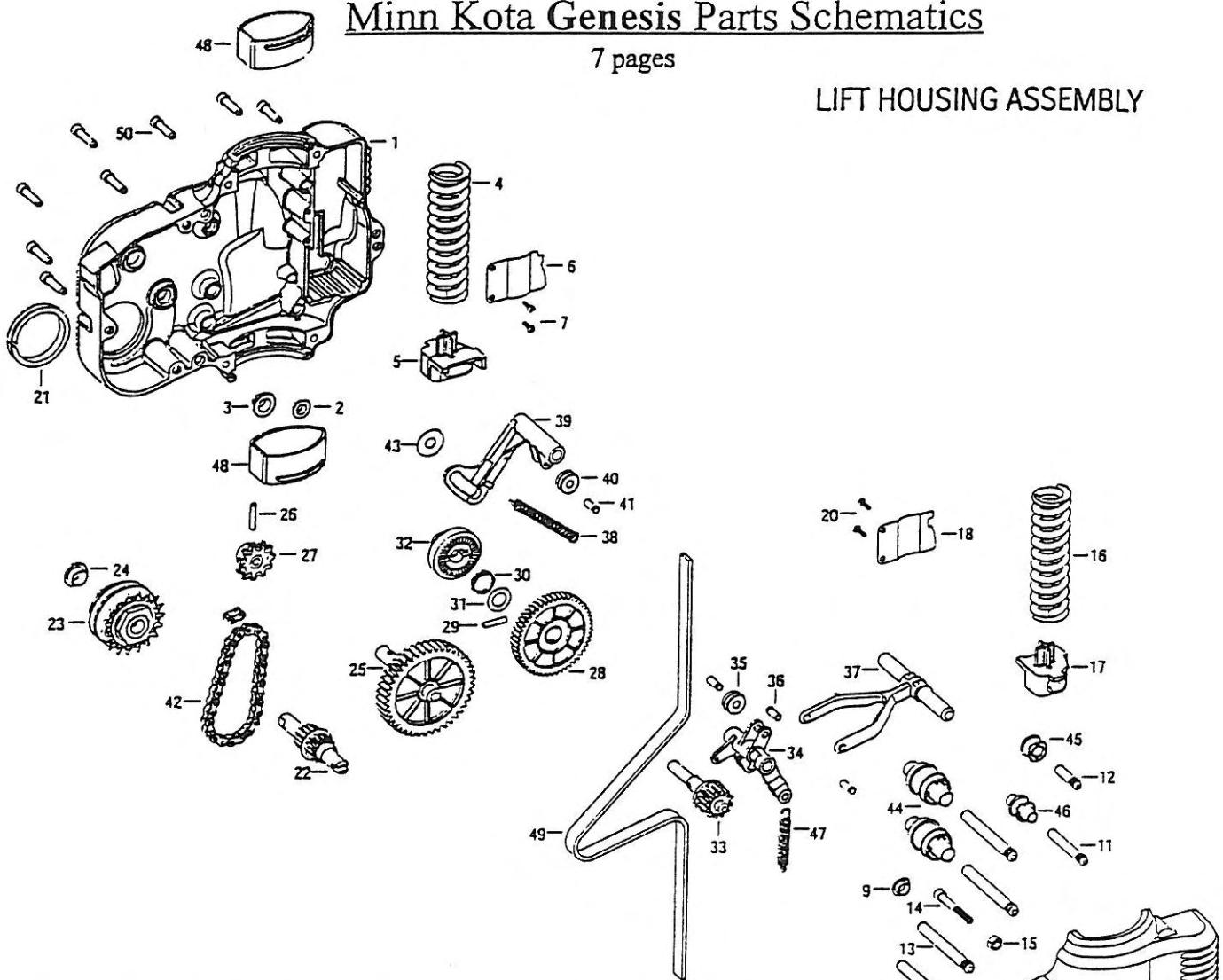


LIFT HOUSING ASSEMBLY

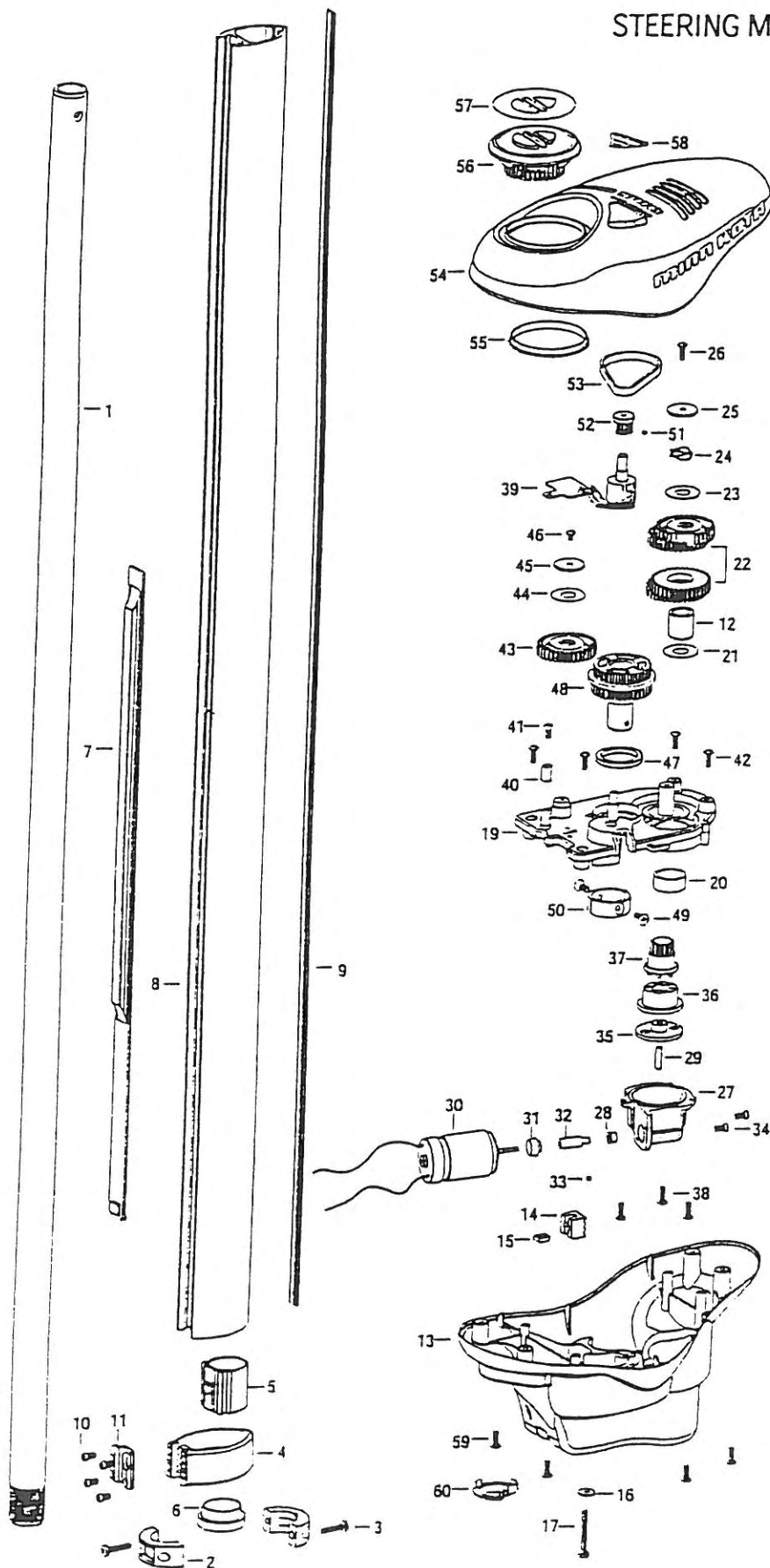


- 2771851 LIFT HOUSING, LEFT ASSEMBLY
- *1 LIFT HOUSING, LEFT
- *2 BUSHING-HAT 3/8" SHAFT BRO
- *3 BUSHING-HAT 1/2" SHAFT BRO
- *4 SPRING, BREAKAWAY, CHRM SIL
- *5 REST-SPRING, LH, LIFT HOUSING
- *6 COVER-SPRING, LH, LIFT HOUSING
- *7 SCREW-#8-32 X 3/8 TRI-LOBE [2.EA]
- 2771853 LIFT HOUSING, RIGHT ASSEMBLY
- *8 LIFT HOUSING, RIGHT
- *9 BUSHING-HAT 3/8" SHAFT BRO
- *10 BUSHING-HAT 1/2" SHAFT BRO [2.EA]
- *11 SHAFT-ROLLER, LONG, SS 2
- *12 SHAFT-ROLLER, SHORT, SS.1
- *13 PIN-IDLER PULLEY, BELT SS [4.EA]
- *14 SCREW-1/4-20 X 2" SCKT HD
- *15 NUT-HEX 1/4-20 SS
- *16 SPRING, BREAKAWAY, CHRM SIL
- *17 REST-SPRING, RH, LIFT HOUSIN
- *18 COVER-SPRING, RH, LFT HOUSIN
- *20 SCREW-#8-32 X 3/8 TRI-LOBE [2.EA]
- 21 2220010 BEARING-NYLINER
- 22 2882310 SHAFT/GEAR ASSEMBLY, INPUT
- 2772201 SLIP CLUTCH ASSEMBLY
- *23 SLIP CLUTCH
- *24 BUSHING-HAT 1/2" SHAFT BRO
- 25 2992211 GEAR/SHAFT ASSY 226-2602/2
- 26 2222620 PIN-DRIV LOK 3/16 X 1 SS
- 27 2222330 SPROCKET (11 TOOTH) SS
- 28 2222202 GEAR 2 (50 TOOTH)
- 29 2222622 PIN 3/16" X 7/8" SS

- 30 2222704 SPRING-CLUTCH SS OD .845
- 31 2221708 WASHER-FLAT OD .875 ID .5
- 32 2222210 CLUTCH-GEAR 2
- 33 2992210 SHAFT/GEAR ASSEMBLY
- 2777100 CAM ASSEMBLY, LOWER
- *34 CAM-LOWER
- *35 ROLLER-BELT, TUBE
- *36 PIN-ROLLER, CAM SS [3.EA]
- *37 LINK-CAM/LATCH PIN ASSEMBLY, S
- *38 2222700 SPRING-CAM, LOWER OD .375
- 2777105 CAM ASSEMBLY, UPPER, SS
- *39 CAM-UPPER
- *40 ROLLER-BELT, TUBE
- *41 PIN-ROLLER, CAM SS
- 42 2220800 CHAIN W/LNK #35-28 PTCH, SS
- 43 2221706 WASHER-THRUST, SS PASSIVAT
- 44 2222306 PULLEY-IDLER, BELT, ACETAL [2.EA]
- 45 2222320 ROLLER-SHAFT, SHORT, ACETAL
- 46 2222322 ROLLER-SHAFT, LONG, ACETAL
- 47 2222712 SPRING-LATCH RETURN SS
- 48 2220000 BEARING-TUBE, UPPER [2.EA]
- 49 2770812 BELT-LIFT (CUT FOR 52")
- 2770811 BELT-LIFT (CUT FOR 45")
- 2770813 BELT-LIFT (CUT FOR 60")
- 50 2223400 SCREW-1/4-20 X 1" SKT HD SS [8.EA]
- 51 2227302 BUSHING- DRV HSG/ MTR MT 3/8
- 2991850 LIFT HOUSING W/BELT COMPLETE 45"
- 2991860 LIFT HOUSING W/BELT COMPLETE 52"
- 2991885 LIFT HOUSING W/BELT COMPLETE 60"

* part of an assembly, not available separately.

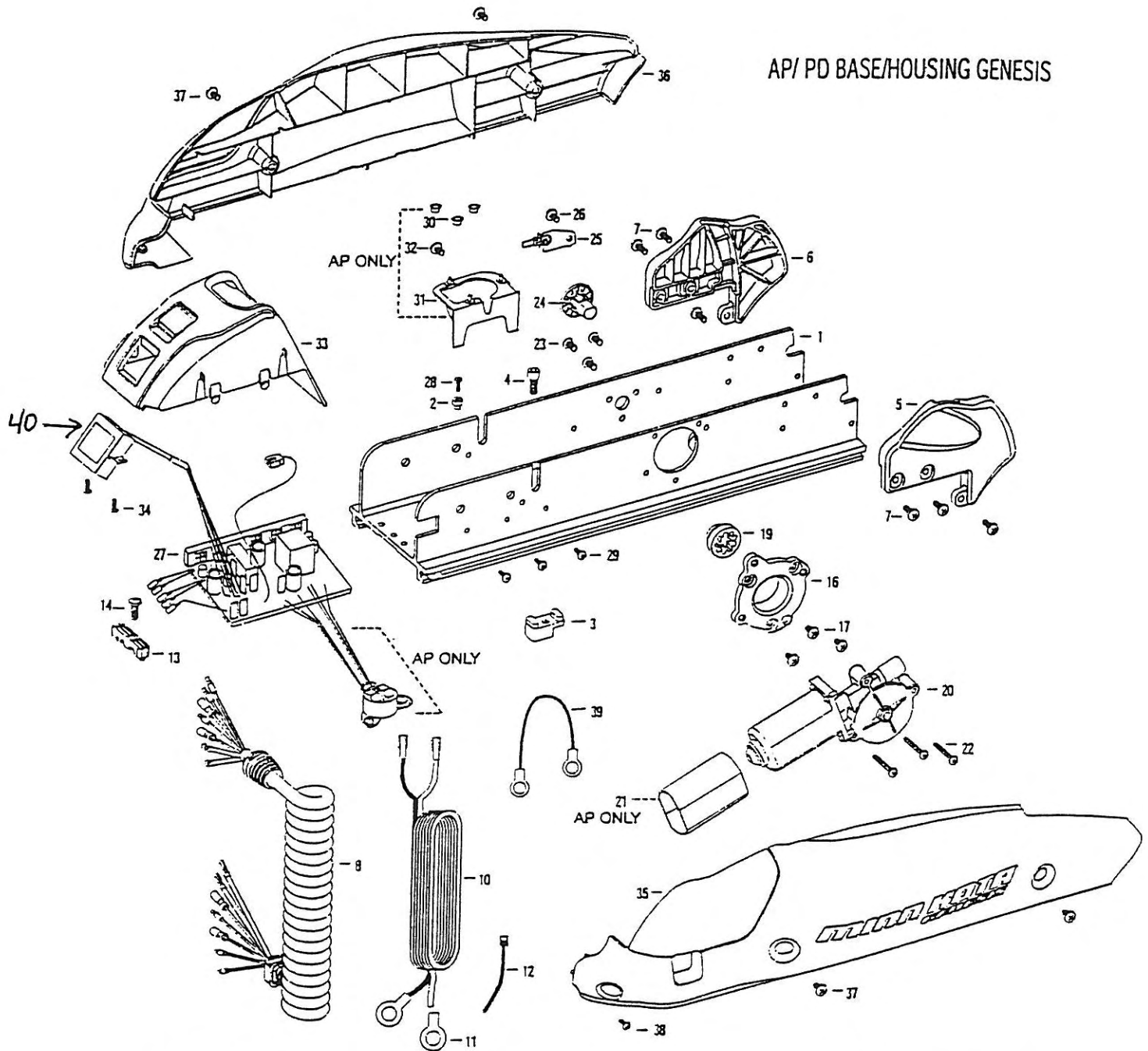
STEERING MODULE



- 1 2222005 TUBE-INNER 49.3 COMPOSITE- 45"
- 2222006 TUBE-INNER 56.8 COMPOSITE- 52"
- 2222007 TUBE-INNER 64.8 COMPOSITE- 60"
- 2 2261619 COLLAR HALF-ZINC-2 PER,1
- 3 2263452 SCREW-1/4-20 X 3/4 SHCS SS [2.EA]
- 4 2221501 COLLAR-LOWER, PLASTIC
- 5 2227324 BUSHING,TUBE, ACETAL, BLK
- 6 2227310 BUSHING-LOWER, NYLON
- 7 2227905 CAM LIFT, TUBE ASSEMBLY
- 8 2222000 TUBE-OUTER 45" PULTRUSION
- 2222001 TUBE-OUTER 52" PULTRUSION
- 2222002 TUBE-OUTER 60" PULTRUSION
- 9 2228420 EXTRUSION-TRANSDUCER, 45"
- 2228421 EXTRUSION-TRANSDUCER, 52"
- 2228422 EXTRUSION-TRANSDUCER, 60"
- 10 2221301 SCREW-#6-19 X.3125 TRI-LOBE [4.EA]
- 11 2223200 BELT CLAMP/TUBE ASSEMBLY
- 12 2227332 BUSHING
- 13 2222500 CONTROL BOX, LOWER, GENESIS,
- 14 2228400 TENSIONER-BELT (GENESIS)
- 15 2223103 NUT-SQUARE MACH 10-24 ZINC
- 16 2151700 WASHER-EYE SHAFT(.562 OD)
- 17 2331304 SCREW-#10-24 X 1-1/2 PHCR
- 2991891 MOUNTING PLATE/BUSHING ASM
- *19 PLATE-MOUNTING (CHASSIS)
- *20 BUSHING-FLANGE 13/16 x
- 21 2221720 WASHER,NYLATRON ID.511 OD1
- 22 2222218 GEAR-IDLER, CLUTCH, DELRIN [2.EA]
- 23 2221720 WASHER,NYLATRON ID.511 OD1
- 24 2222709 SPRING, CLUTCH ZINC
- 25 2221713 WASHER-FLAT ZP PLATE ASSY
- 26 2223435 SCREW-#8-18 X.5 TRI-LOB PPH
- 2777805 12V STEERING MOTOR ASSEMBLY
- 2777806 24V STEERING MOTOR ASSEMBLY
- *27 HOUSING-TRANSMISSION, MACH
- *28 BUSHING,TRANSMISSION BRONZE
- *29 PIN-DOWEL,STBLZR .187 X
- *30 STEERING MTR/LEADWIRE 12V
- STEERING MTR/LEADWIRE 24V
- 31 2227318 BUSHING, MTR END BRONZE
- 32 2222238 WORM, SS
- 33 2223460 SCREW-SET,4-40 X .125 HEX
- 34 2223456 SCREW, MNT-.5 X8MM PHC [2.EA]
- 35 2222236 GEAR, HELICAL, BRONZE
- 36 2220822 COUPLER, TRANSMISSION, NYLO
- 37 2222230 GEAR-MOTOR ASSY, ELECTRIC
- 38 2223427 SCREW-#6-19 X.5 ZP PPH TL [3.EA]
- 39 2224005 FEEDBACK POT/BOARD
- 40 2227326 BUSHING ID 1/4,OD 1/2 X1
- 41 2221301 SCREW-#6-19 X.3125 TRI-LOBE
- 42 2372100 SCREW-8-18 X 5/8 THD* SS [4.EA]
- 43 2222220 GEAR-IDLER, CLUTCH, DELRIN
- 44 2221720 WASHER,NYLATRON ID.511 OD1.1
- 45 2221713 WASHER-FLAT ZP (PLATE ASM)
- 46 2223465 SCREW-#8-18 X.25 TRI-LOB ZN
- 47 2266000 BEARING BALL-STEEL
- 48 2222224 GEAR-BUSHING, PRIMARY
- 49 2223468 SCREW-#8-32 X 7/16 FLT RD,MA
- 50 2221505 COLLAR-TUBE
- 51 2223466 SCREW-SET #6-32 X .125 CUP
- 52 2222226 GEAR-POT .200" PITCH XL DELRIN
- 53 2220815 BELT-POTENTIOMETER
- 54 2220200 CONTROL BOX COVER, GENESIS
- 55 2227328 BUSHING-COVER, PET W/TEFLON
- 56 2222222 INDICATOR-DIRECTIONAL
- 57 2225620 DECAL-INDICATOR, GENESIS
- 58 2225602 DECAL-COVER, GENESIS 55# AP
- 2225603 DECAL-COVER, GENESIS 74# AP
- 2225600 DECAL-COVER, GENESIS 55
- 2225601 DECAL-COVER, GENESIS 74
- 59 2372100 SCREW-8-18 X 5/8 TRD SS [4.EA]
- 60 2224700 INSERT-PLUG

* part of an assembly, not available separately.

AP/ PD BASE/HOUSING GENESIS



- 2771912 BASE-EXTRUSION ASSEMBLY
- *1 [] BASE-EXTRUSION, MACHINED
- *2 [] INSERT-THREADED BRASS .410
- 3 2228412 CAM PUCK, QCK ATTACH PLA
- 4 2223444 SCREW-5/16-18 X 3/4 SHCS
- 5 2223910 RAMP-MOTOR, RIGHT, 3 5/8"
- 6 2223930 RAMP-MOTOR, RIGHT, 4."
- 7 2223915 RAMP-MOTOR, LEFT, 3 5/8"
- 8 2223935 RAMP-MOTOR, LEFT, 4."
- 9 2303430 SCREW-1/4-20 X 5/8-SELF TAP (3.EA)
- 10 2991200 COIL CORD W/STRN RELIEF 45"
- 11 2991201 COIL CORD W/STRN RELIEF 52"
- 12 2991202 COIL CORD W/STRN RELIEF 60"
- 13 2090601 LEADWIRE 10GA 44"
- 14 2020700 TERMINAL RING, 3/8" (2.EA)
- 15 2026300 TIE WRAP (HANKING WIRE)
- 16 2222905 STRAIN RELIEF BRACKET, GENESIS
- 17 2223438 SCREW-1/4-20 X 3/4 ZP TRI-LOBE
- 18 2221910 MOUNT-MOTOR SPACER
- 19 2223411 SCREW-1/4-20 X 7/16 EP TRI-LOBE (3.EA)
- 20 2222209 GEAR-DRIVE, LIFT MOTOR
- 21 2227800 MOTOR-LIFT, 12V, 35 AMPS

- 22 2220210 SHIELD, LIFTMOTOR A/P, GEN (2.EA)
- 23 2223404 SCREW-10-24 X 1.5 TR-LB ZP (3.EA)
- 24 2223418 SCREW-1/4-20 X 1/2 SS BHCS (3.EA)
- 25 2224065 WHEEL-ENCODER
- 26 2221935 BRACKET-ENCODER ACETAL BLACK
- 27 2223411 SCREW-1/4-20 X 7/16 ZP TRI-LOBE
- 28 2224010 CONTROL BOARD 12V PD GENESIS
- 29 2224012 CONTROL BOARD 24V PD GENESIS
- 30 2884111 CTRL BRD/COMPASS ASSEMBLY 12V AP
- 31 2884113 CTRL BRD/COMPASS ASSEMBLY 24V AP
- 32 2332100 SCREW-8-32 X 3/8 MACHINE
- 33 2223454 SCREW-#10-32 X 1/2" SS MACH (3.EA)
- 34 2302960 GROMMET-COMPASS (3.EA)
- 35 2221920 BRACKET-MOUNTING, COMPASS
- 36 2223410 SCREW-1/4-20 X 7/16 SS TRI-LOBE
- 37 2226500 HOUSING-CENTER, DISPLAY, BLA
- 38 2302100 SCREW-6-20 X 1/2 THD CUTS (2.EA)
- 39 2223900 SIDEPLATE, RIGHT GENESIS
- 40 2223905 SIDEPLATE, LEFT GENESIS
- 41 2223411 SCREW-1/4-20 X 7/16 ZP TRI-LOBE (4.EA)
- 42 2372100 SCREW-8-18 X 5/8 THD" SS
- 43 2340610 CONNECTOR CABLE- 24V ONLY

40 2224015 LCD

AP models only

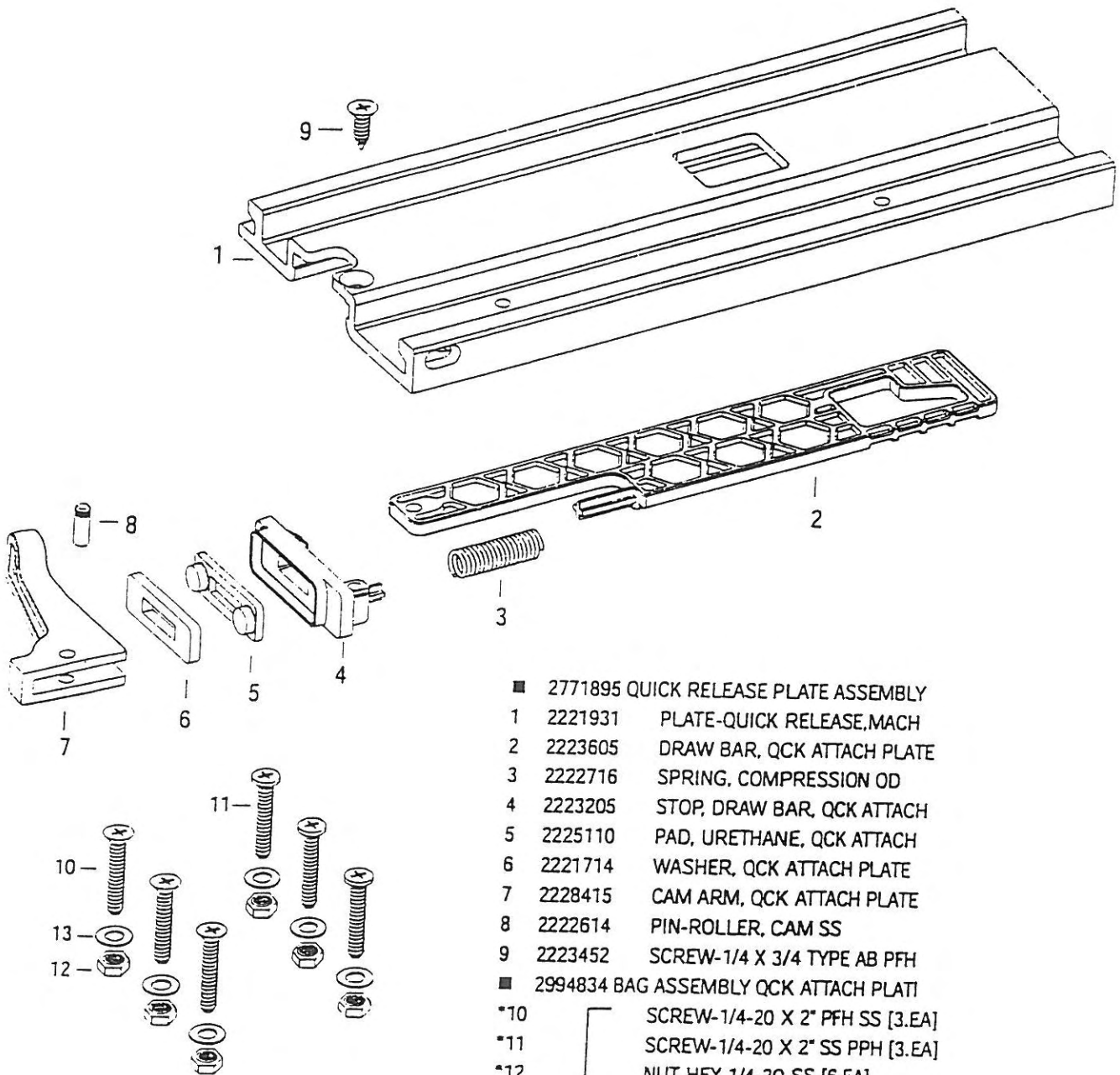
(not shown above):

2221937 Compensator Bracket

2993610 Magnet/rod (qty 2)

* part of an assembly, not available separately.

QUICK RELEASE PLATE ASSEMBLY



■ 2771895 QUICK RELEASE PLATE ASSEMBLY

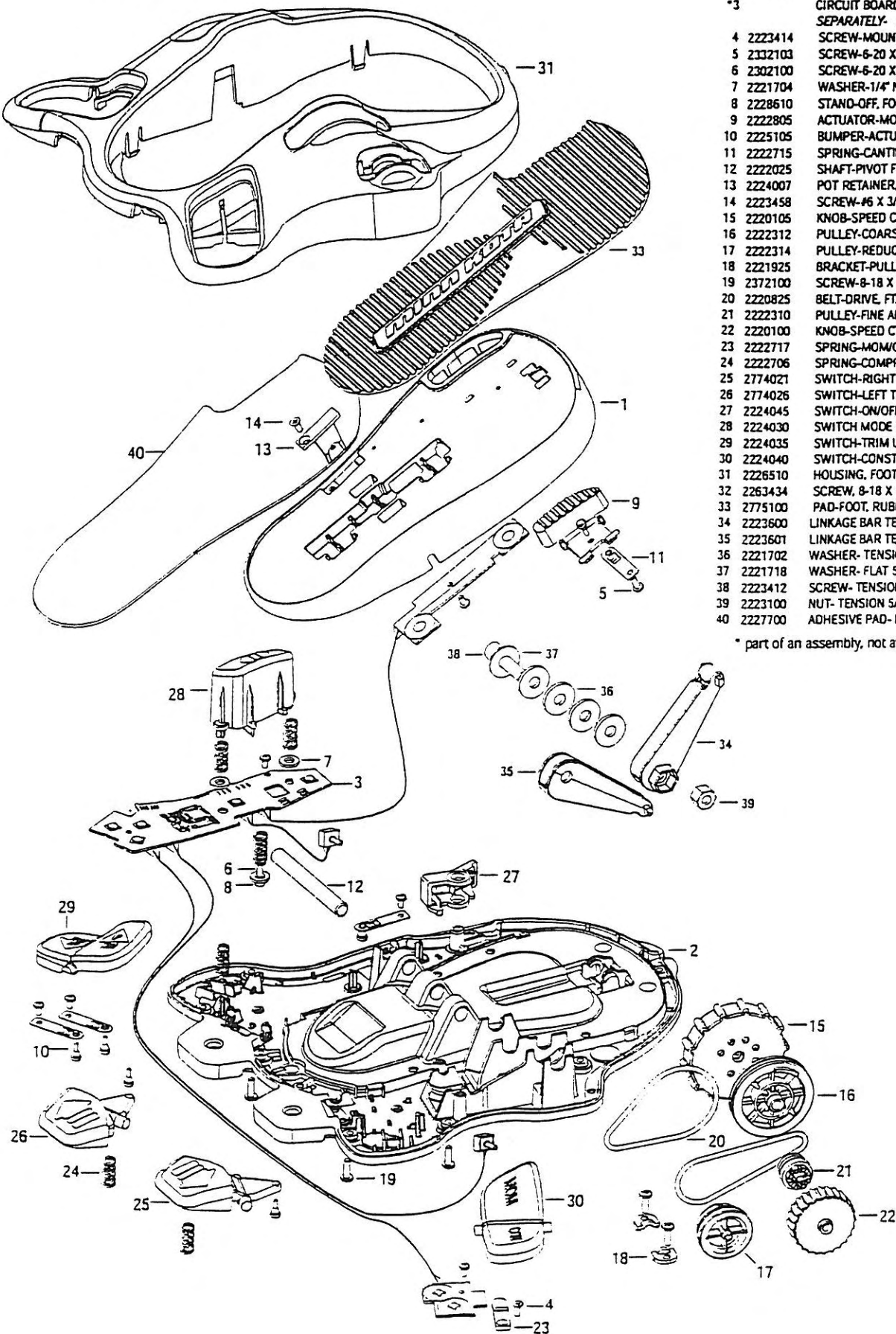
- 1 2221931 PLATE-QUICK RELEASE, MACH
- 2 2223605 DRAW BAR, QCK ATTACH PLATE
- 3 2222716 SPRING, COMPRESSION OD
- 4 2223205 STOP, DRAW BAR, QCK ATTACH
- 5 2225110 PAD, URETHANE, QCK ATTACH
- 6 2221714 WASHER, QCK ATTACH PLATE
- 7 2228415 CAM ARM, QCK ATTACH PLATE
- 8 2222614 PIN-ROLLER, CAM SS
- 9 2223452 SCREW-1/4 X 3/4 TYPE AB PFH

■ 2994834 BAG ASSEMBLY QCK ATTACH PLATE

- *10 [SCREW-1/4-20 X 2" PFH SS [3.EA]
- *11 [SCREW-1/4-20 X 2" SS PPH [3.EA]
- *12 [NUT-HEX 1/4-20 SS [6.EA]
- *13 [WASHER-1/4 FLAT SS [6.EA]

* part of an assembly, not available separately.

FOOT PEDAL- GENESIS

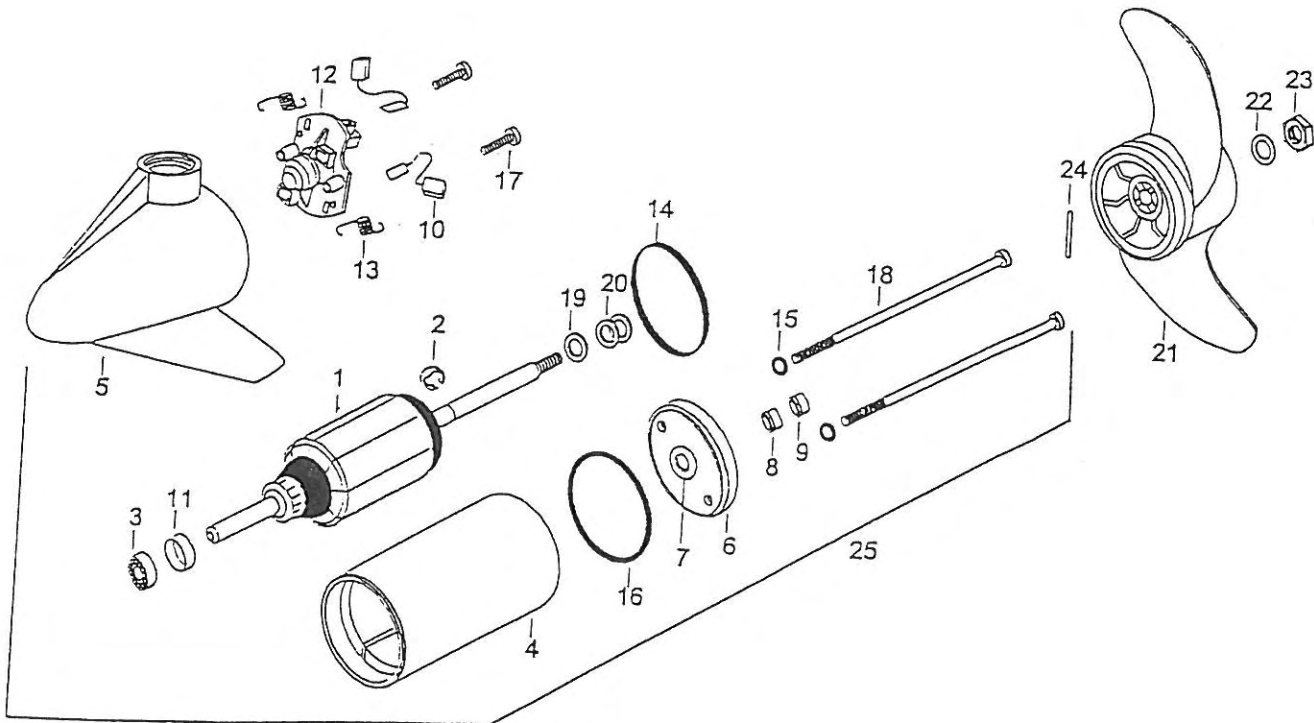


- 2772040 FOOT PEDAL GENESIS ASSEMBLY
- 1 2774403 FOOT PEDAL / PAD / ADHESIVE ASSEMBLY
- 2 2224500 FOOT PEDAL BASE
- *3 CIRCUIT BOARD ASSEMBLY NOT AVAILABLE SEPARATELY- ORDER 2772040
- 4 2223414 SCREW-MOUNTING #6 X 1/4 PH [6.EA]
- 5 2332103 SCREW-6-20 X 3/8 THD SS
- 6 2302100 SCREW-6-20 X 1/2 THD CUT
- 7 2221704 WASHER-1/4" NYLON, FT.PED [3.EA]
- 8 2228610 STAND-OFF, FOOT PEDAL
- 9 2222805 ACTUATOR-MOMENTARY FT. PED.
- 10 2225105 BUMPER-ACTUATOR, RUBBER [6.EA]
- 11 2222715 SPRING-CANTILEVER, FT. PED. [5.EA]
- 12 2222025 SHAFT-PIVOT FT. PEDAL
- 13 2224007 POT RETAINER, FOOT PEDAL
- 14 2223458 SCREW-#6 X 3/8 FHCR SLF TAP [2.EA]
- 15 2220105 KNOB-SPEED CTRL, COARSE ADJ
- 16 2222312 PULLEY-COARSE ADJUST, FT. PED
- 17 2222314 PULLEY-REDUCTION, FT. PED.
- 18 2221925 BRACKET-PULLEY, FOOT PEDAL [2.EA]
- 19 2372100 SCREW-8-18 X 5/8 TED SS [10.EA]
- 20 2220825 BELT-DRIVE, FT. PEDAL [2.EA]
- 21 2222310 PULLEY-FINE ADJUST, FT. PED.
- 22 2220100 KNOB-SPEED CTRL, FINE ADJUST
- 23 2222717 SPRING-MOM/COM, FT. PED.
- 24 2222706 SPRING-COMPRESSION FT. PED [6.EA]
- 25 2774021 SWITCH-RIGHT TURN W/ RUBBER ACTUATOR
- 26 2774026 SWITCH-LEFT TURN W/ RUBBER ACTUATOR
- 27 2224045 SWITCH-ON/OFF MASTER FT. PDL
- 28 2224030 SWITCH MODE SELECT, STOW, DEP
- 29 2224035 SWITCH-TRIM UP/TRIM DWN FT
- 30 2224040 SWITCH-CONSTANT/MOMENTARY
- 31 2226510 HOUSING, FOOT PEDAL
- 32 2263434 SCREW, 8-18 X 1" PPH SS [NOT SHOWN]
- 33 2775100 PAD-FOOT, RUBBER W/ ADHESIVE PAD
- 34 2223600 LINKAGE BAR TENSION ADJUST
- 35 2223601 LINKAGE BAR TENSION ADJUST
- 36 2221702 WASHER- TENSION RUBBER [4.EA]
- 37 2221718 WASHER- FLAT 5/16X7/8 SS
- 38 2223412 SCREW- TENSION 5/16-18 SS
- 39 2223100 NUT- TENSION 5/16-18 SS
- 40 2227700 ADHESIVE PAD- FOOT PEDAL

* part of an assembly, not available separately.

Genesis 55 – 12 volt lower unit assembly

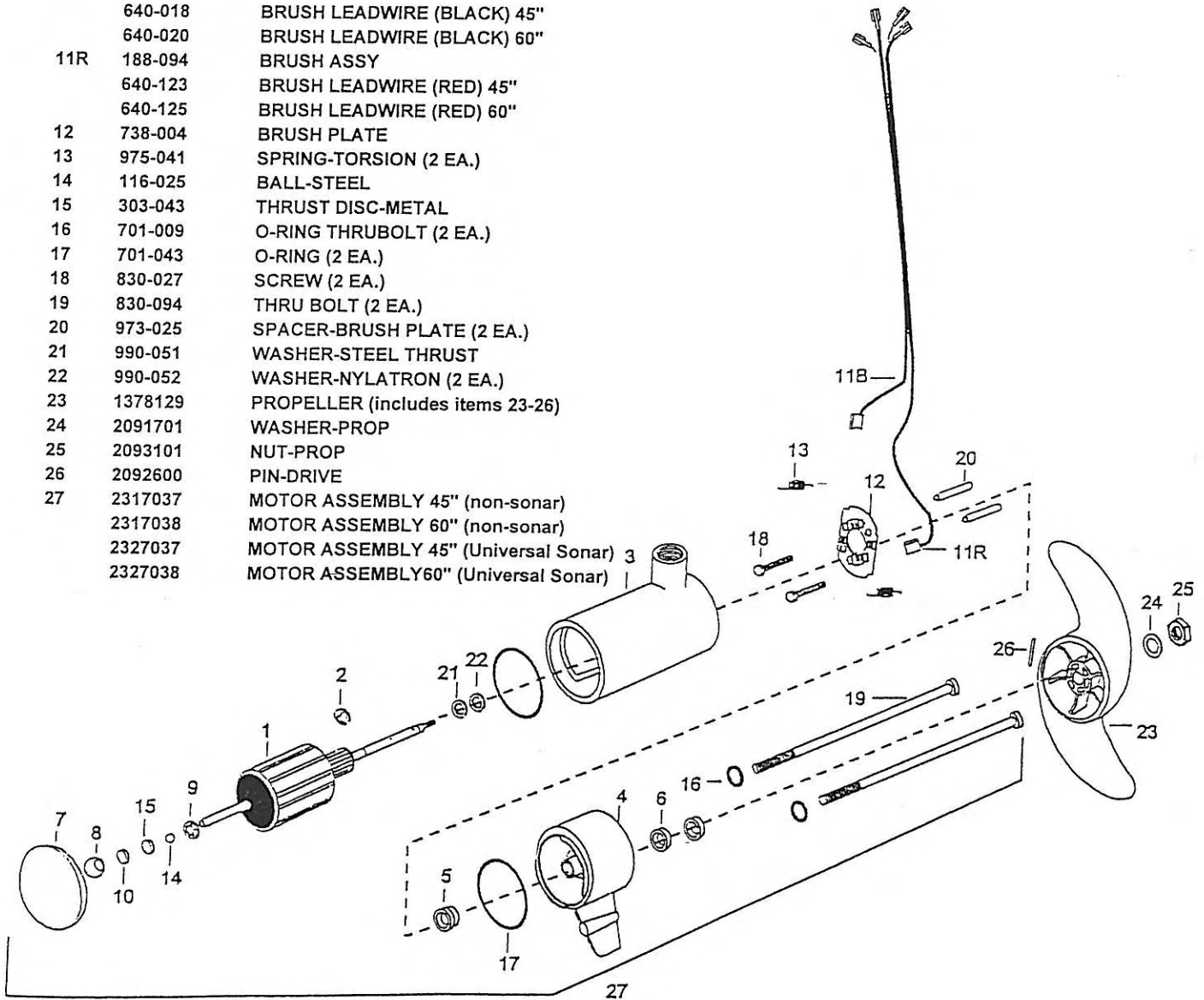
1	92-100-013	ARMATURE ASSEMBLY
2	788-015	RETAINING RING
3	140-010	BEARING-BALL
4	92-200-101	HOUSING ASSY CTR 3.62 TXT
5	421-065	HOUSING BRUSH END 3.62 TXT (non-sonar)
	9421-165	HOUSING/TRANSDUCER ASSY 45"
	9421-166	HOUSING/TRANSDUCER ASSY 52"
6	92-400-101	PLAIN END HOUSING ASSY
7	144-049	BEARING-FLANGE
8	880-003	SEAL
9	880-006	SEAL WITH SHIELD
10	188-036	BRUSH ASSEMBLY (2 EA)
11	725-050	PAPER TUBE (BRUSH RETENTION)
12	738-036	BRUSH PLATE WITH HOLDER
13	975-040	SPRING-TORSION (2 EA.)
14	337-036	GASKET
15	701-008	O-RING (2 EA.)
16	701-081	O-RING
17	830-007	SCREW (2 EA.)
18	830-042	THRU BOLT (2 EA.)
19	990-067	WASHER-STEEL THRUST
20	990-070	WASHER-NYLATRON (2 EA.)
21	1378122	PROPELLER (includes items 21-24)
22	2151726	WASHER
23	2053130	NUT-PROP
24	2092600	PIN-DRIVE
25	2099090	MOTOR ASSEMBLY 45" (non-sonar)
	2099091	MOTOR ASSEMBLY 52" (non-sonar)
	2109090	MOTOR ASSEMBLY 45" (Universal Sonar)
	2109091	MOTOR ASSEMBLY 52" (Universal Sonar)



Seal & O-Ring Kit P/N 2888460

Genesis 7/4 - 24 volt lower unit assembly

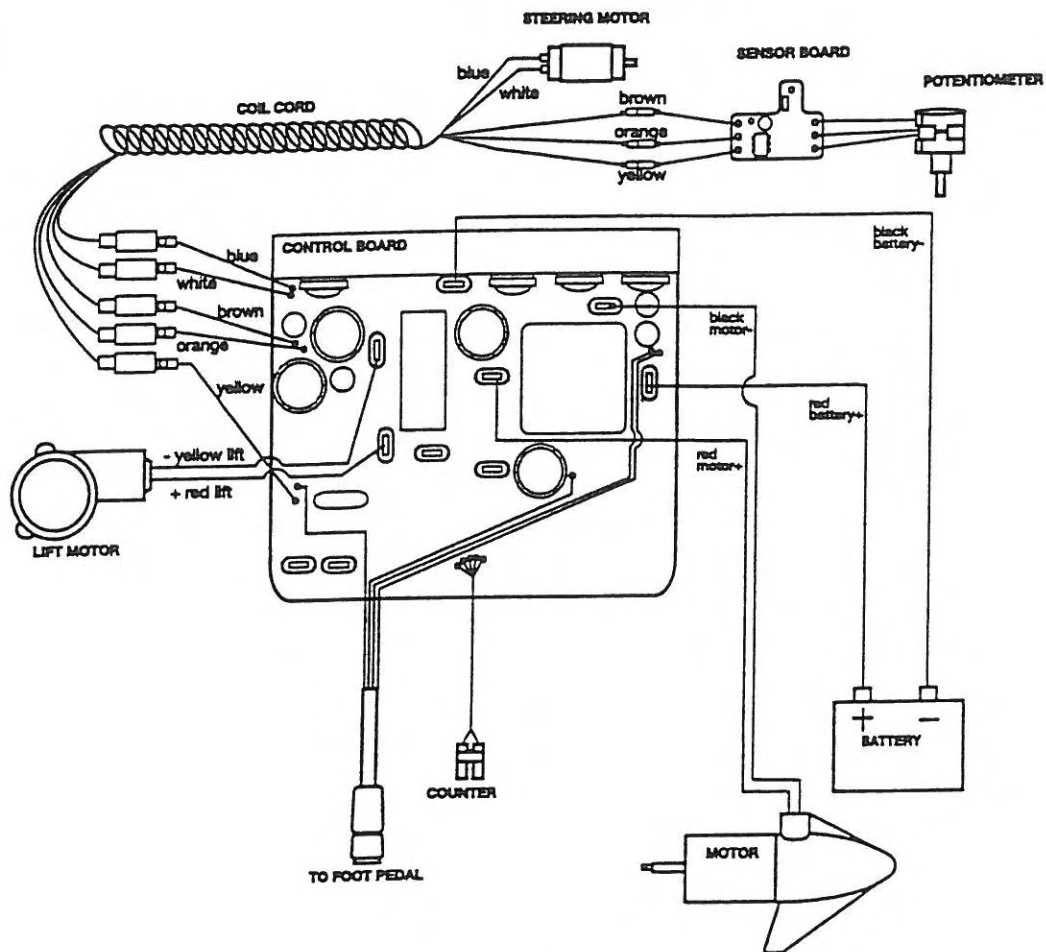
1	2-100-103	ARMATURE ASSEMBLY
2	788-040	RETAINING RING
3	92-200-160	HOUSING ASSY CTR (non-sonar)
	92-200-170	HOUSING ASSY CTR (Universal Sonar)
4	92-300-160	HOUSING BRUSH END ASSY
5	144-017	BEARING-FLANGE
6	880-025	SEAL (2 EA.)
7	92-400-160	PLN END HSG ASSY
	92-400-170	PLN END HSG/TRANSDUCER ASSY 45"
	92-400-171	PLN END HSG/TRANSDUCER ASSY 60"
8	144-021	BEARING-SPHERICAL
9	784-025	BEARING RETAINER
10	991-040	WASHER-FELT
11B	188-094	BRUSH ASSY
	640-018	BRUSH LEADWIRE (BLACK) 45"
	640-020	BRUSH LEADWIRE (BLACK) 60"
11R	188-094	BRUSH ASSY
	640-123	BRUSH LEADWIRE (RED) 45"
	640-125	BRUSH LEADWIRE (RED) 60"
12	738-004	BRUSH PLATE
13	975-041	SPRING-TORSION (2 EA.)
14	116-025	BALL-STEEL
15	303-043	THRUST DISC-METAL
16	701-009	O-RING THRUBOLT (2 EA.)
17	701-043	O-RING (2 EA.)
18	830-027	SCREW (2 EA.)
19	830-094	THRU BOLT (2 EA.)
20	973-025	SPACER-BRUSH PLATE (2 EA.)
21	990-051	WASHER-STEEL THRUST
22	990-052	WASHER-NYLATRON (2 EA.)
23	1378129	PROPELLER (includes items 23-26)
24	2091701	WASHER-PROP
25	2093101	NUT-PROP
26	2092600	PIN-DRIVE
27	2317037	MOTOR ASSEMBLY 45" (non-sonar)
	2317038	MOTOR ASSEMBLY 60" (non-sonar)
	2327037	MOTOR ASSEMBLY 45" (Universal Sonar)
	2327038	MOTOR ASSEMBLY 60" (Universal Sonar)



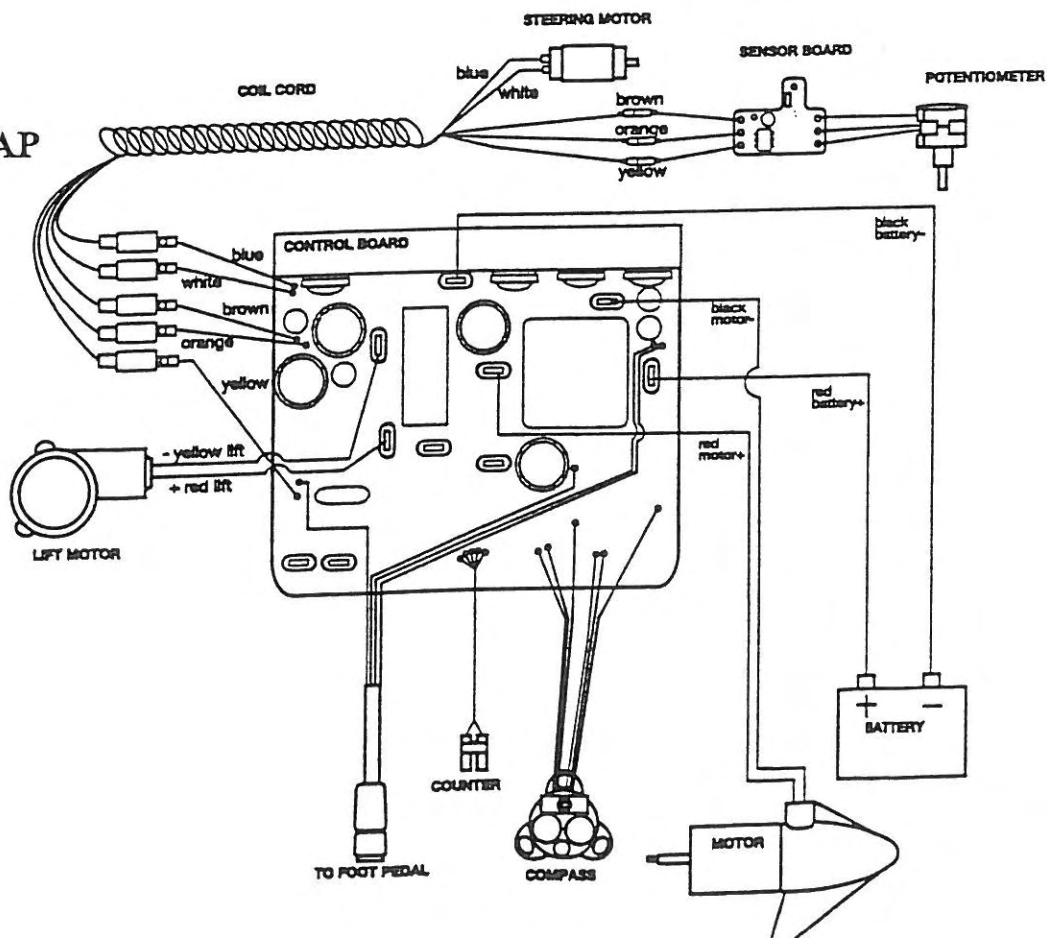
Seal & O-Ring Kit P/N 2889460

Genesis Series Wiring Diagrams

G55

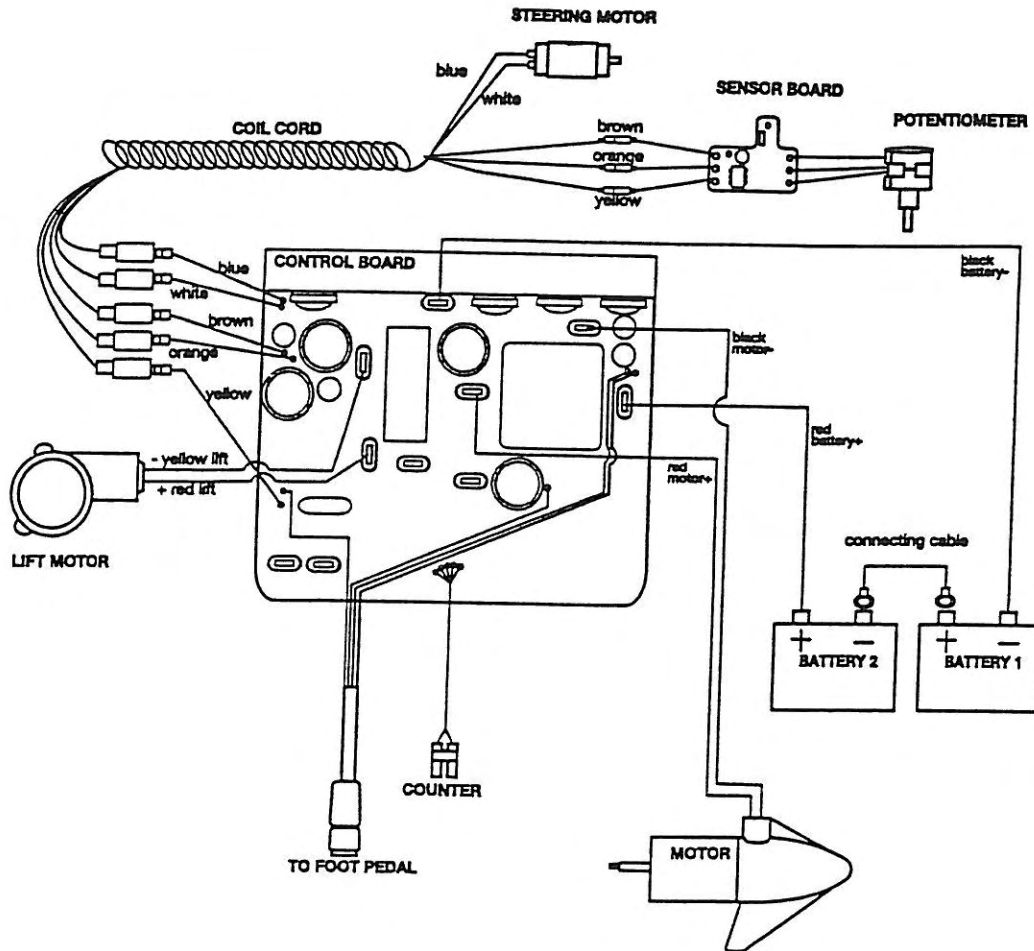


G55/AP



Genesis Series Wiring Diagrams

G74



G74/AP

