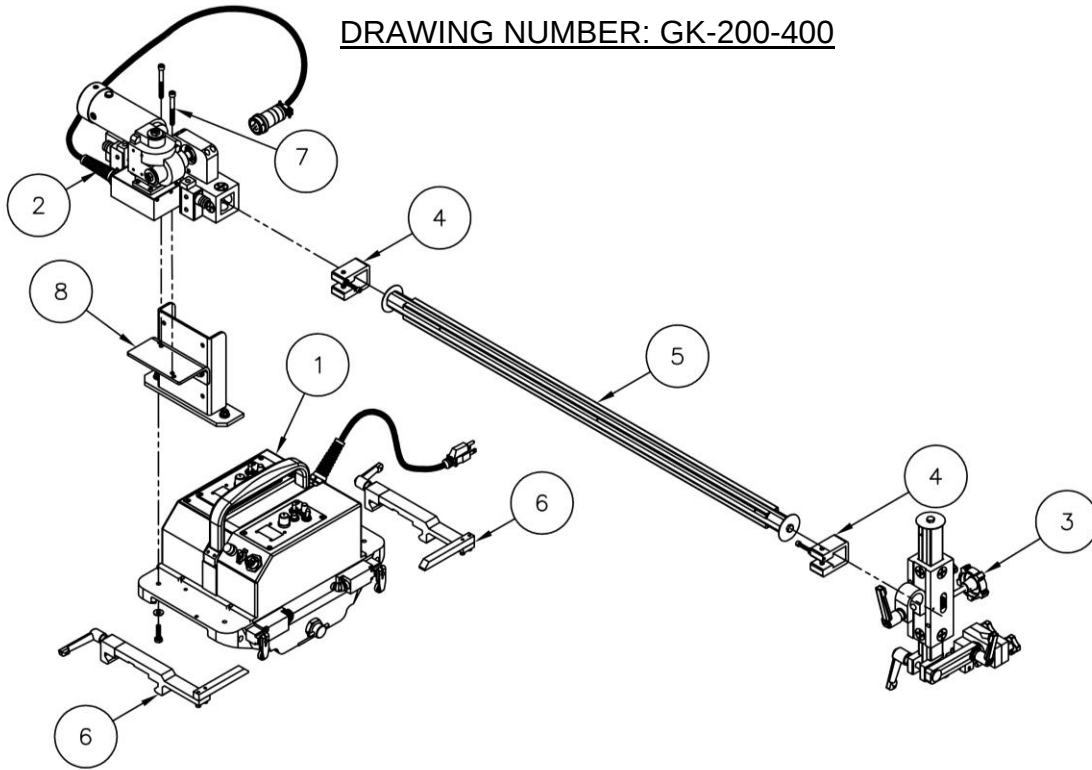


PARTS BREAK DOWN FOR A "KAT"® INDEXING SYSTEM ASSEMBLY

DRAWING NUMBER: GK-200-400



RIGID "KAT" INDEXING SYSTEM

ITEM	PART NUMBER	DESCRIPTION	QTY
1	SEE DRAWING GK-191-P-200-2B	RIGID "KAT" LOWER HOUSING ASSEMBLY	1
	SEE DRAWING GK-202-017	"KAT" INDEXING SYSTEM UPPER HOUSING ASSEMBLY	1
2	GK-202-002-M	INDEXING MOTORIZED RACK BOX ASSEMBLY (-L & -H also available)	1
3	GK-165-074-2	FOUR-MOTION GUN HOLDER ASSEMBLY	1
4	GS-104-020	ADJUSTABLE RACK ARM LIMIT SWITCH ACTUATORS	2
5	GK-171-047-4	1-1/8" X 36" RACK ARM ASSEMBLY	1
6	GK-191-P-061	ADJUSTABLE RIGID "KAT" TRAVEL LIMIT SWITCH ACTUATORS (shown)	2
7	GK-107-067	1/4"-20 x 2-1/4" SOCKET HEAD CAP SCREW	2
8	GK-190-066	RACK BOX RISER BRACKET ASSEMBLY	1

FLEX "KAT" INDEXING SYSTEM

ITEM	PART NUMBER	DESCRIPTION	QTY
1	SEE DRAWING GK-192-F-020-2B	FLEX "KAT" LOWER HOUSING ASSEMBLY	1
	SEE DRAWING GK-202-017	"KAT" INDEXING SYSTEM UPPER HOUSING ASSEMBLY	1
2	GK-202-002-M	INDEXING MOTORIZED RACK BOX ASSEMBLY (-L & -H also available)	1
3	GK-165-074-2	FOUR-MOTION GUN HOLDER ASSEMBLY	1
4	GS-104-020	ADJUSTABLE RACK ARM LIMIT SWITCH ACTUATORS	2
5	GK-171-047-4	1-1/8" X 36" RACK ARM ASSEMBLY	1
6	GK-191-P-060	ADJUSTABLE FLEX "KAT" TRAVEL LIMIT SWITCH ACTUATORS (not shown)	2
7	GK-107-067	1/4"-20 x 2-1/4" SOCKET HEAD CAP SCREW	2
8	GK-190-066	RACK BOX RISER BRACKET ASSEMBLY	1

PARTS BREAK DOWN FOR A RIGID “KAT”® LOWER HOUSING ASSEMBLY

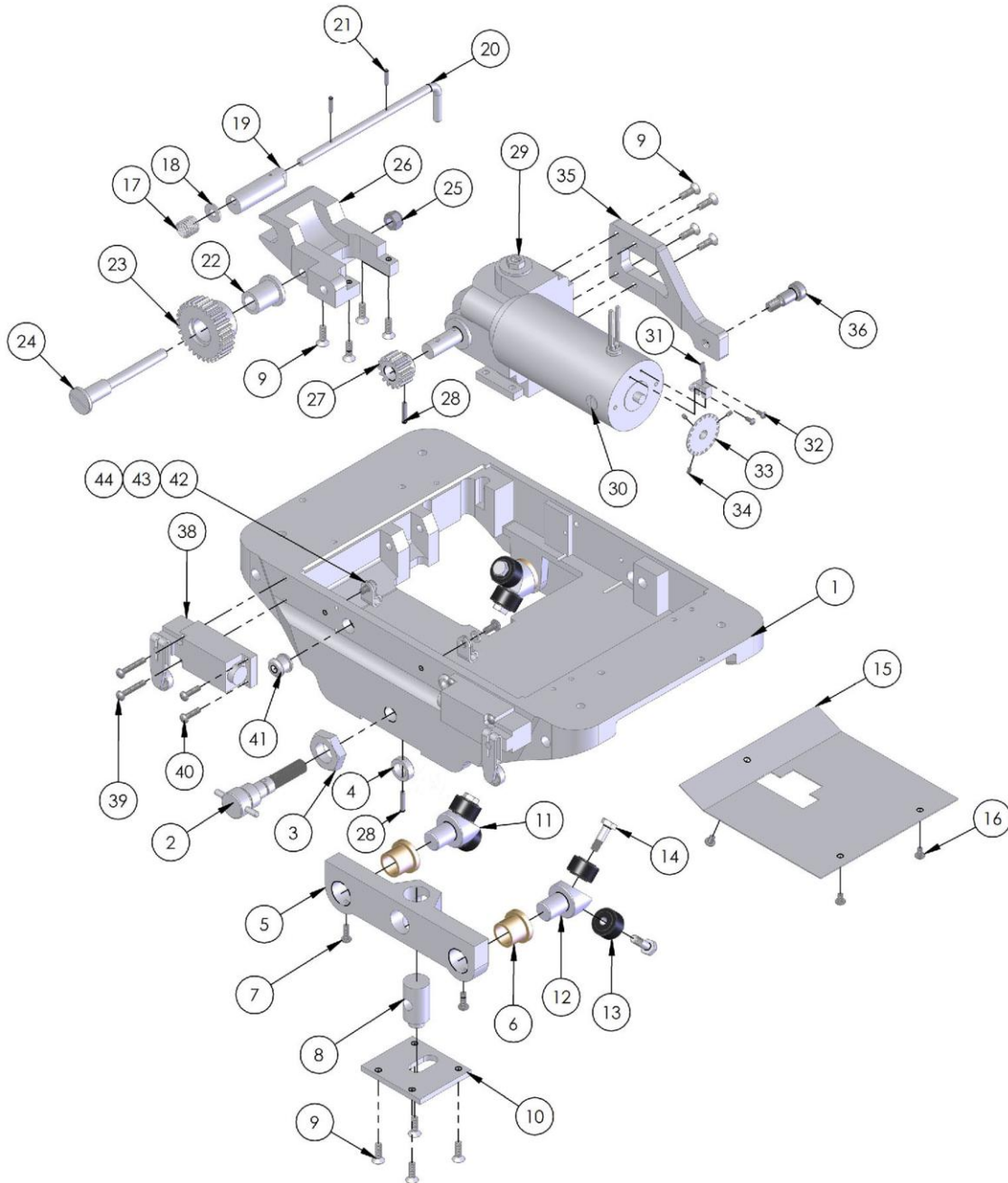
DRAWING NUMBER: GK-191-P-200-2B

ITEM	PART NUMBER	DESCRIPTION	QTY
1	GK-171-005	“KAT” LOWER HOUSING	1
2	GK-171-012	WHEEL ADJUSTMENT SCREW	1
3	GK-110-062	LOCK NUT	1
4	GK-171-102	WHEEL ADJUSTMENT COLLAR	1
	GK-171-003	ADJUSTABLE WHEEL HOUSING ASS'Y (ITEM 5 & 2 x ITEM 6)	1
5	GK-171-007	ADJUSTABLE WHEEL HOUSING	1
6	GK-165-009	WHEEL SHAFT BEARING	4
7	GK-112-050	8-32 x 1/2" ROUND HEAD SCREW	4
8	GK-171-008	WHEEL HOUSING PIVOT PIN	1
9	GK-105-050	10-32 x 5/8" FLAT HEAD LOCKING SCREW	12
10	GK-171-482	RETAINING PLATE	1
11	GK-165-154	HEAVY DUTY WHEEL ASSEMBLY	4
12	GK-166-289	HEAVY DUTY WHEEL SHAFT	4
13	GK-165-153	HEAVY DUTY WHEEL	8
14	GK-165-152	HEAVY DUTY WHEEL BOLT	8
15	GK-190-067	DUST COVER (OPTIONAL)	1
16	GK-112-089	8-32 x 1/4" ROUND HEAD SCREW (OPTIONAL)	3
17	GK-116-003	CAM SHAFT SPRING	1
18	GK-111-051	PLAIN WASHER, 1/4"	1
19	GK-165-015	CAM	1
20	GK-171-013	CAM SHAFT LEVER	1
21	GK-117-004	3/32" x 9/16" SPRING PIN	2
	GK-191-P-028	POWER UNIT ASSEMBLY (8 PCS ITEM 9 & ITEMS 22 TO 36)	1
	GK-165-034	DRIVE GEAR ASSEMBLY (ITEMS 22 TO 25)	1
22	GK-165-010	IDLER GEAR BEARING	1
23	GK-165-013	IDLER GEAR	1
24	GK-166-167	SHOULDER SCREW	1
25	GK-135-050	LOCK NUT, 5/16"-18	1
26	GK-165-008	CAM FORK	1
27	GK-165-012	MOTOR DRIVE PINION	1
28	GK-117-008	SPRING PIN 1/8" x 3/4"	1
29	GK-191-P-131	GEARHEAD & MOTOR ASSEMBLY, 2.7-88.4 ipm [6.7-224 cm/min.] (C/W ITEM 30)	1
	GK-191-P-133	GEARHEAD & MOTOR ASSEMBLY, 1-32.7 ipm [2.5-83.1 cm/min.] (C/W ITEM 30)	
	GK-191-P-271	GEARHEAD & MOTOR ASSEMBLY, 0.5-16.4 ipm [1.2-41.6 cm/min.] (C/W ITEM 30)	
30	GK-171-068-4	MOTOR BRUSHES (INCLUDED WITH ITEM 29)	2
31	GK-191-P-035	ENCODER SENSOR INCLUDING WIRING AND CONNECTOR	1
32	GK-112-060	ROUND HEAD SCREW, 4-40 x 1/4"	2
33	GK-191-P-038	SENSOR WHEEL	1
34	GK-106-063	SET SCREW, 4-40 x 3/16"	3
35	GK-171-011	MOTOR MOUNTING PLATE	1
36	GK-104-051	SHOULDER SCREW, 3/8" x 5/8"	1
37	GL-190-019	“PUSH TO TURN” - NAMEPLATE (NOT SHOWN ON DRAWING)	1

SPECIFY “KAT”® MODEL NUMBER AND SERIAL NUMBER WHEN ORDERING PARTS.

PARTS BREAK DOWN FOR A RIGID “KAT”® LOWER HOUSING ASSEMBLY

DRAWING NUMBER: GK-191-P-200-2B



ITEM	PART NUMBER	DESCRIPTION	QTY
38	GK-191-P-059	LIMIT SWITCH	2
39	GK-112-063	ROUND HEAD SCREW 8-32 x 1"	4
40	GK-112-052	ROUND HEAD SCREW, 8-32 x 5/8"	4
41	GK-151-003	RUBBER GROMMET	2
42	GK-156-041	CABLE CLAMP	2
43	GK-111-068	FLAT WASHER, #10	2
44	GK-112-094	ROUND HEAD SCREW, 10-32 x 7/16"	2
45	GK-202-012	WIRING HARNESS (FWD & REV) (NOT SHOWN)	1

PARTS BREAKDOWN FOR A FLEX "KAT"® LOWER HOUSING ASSEMBLY

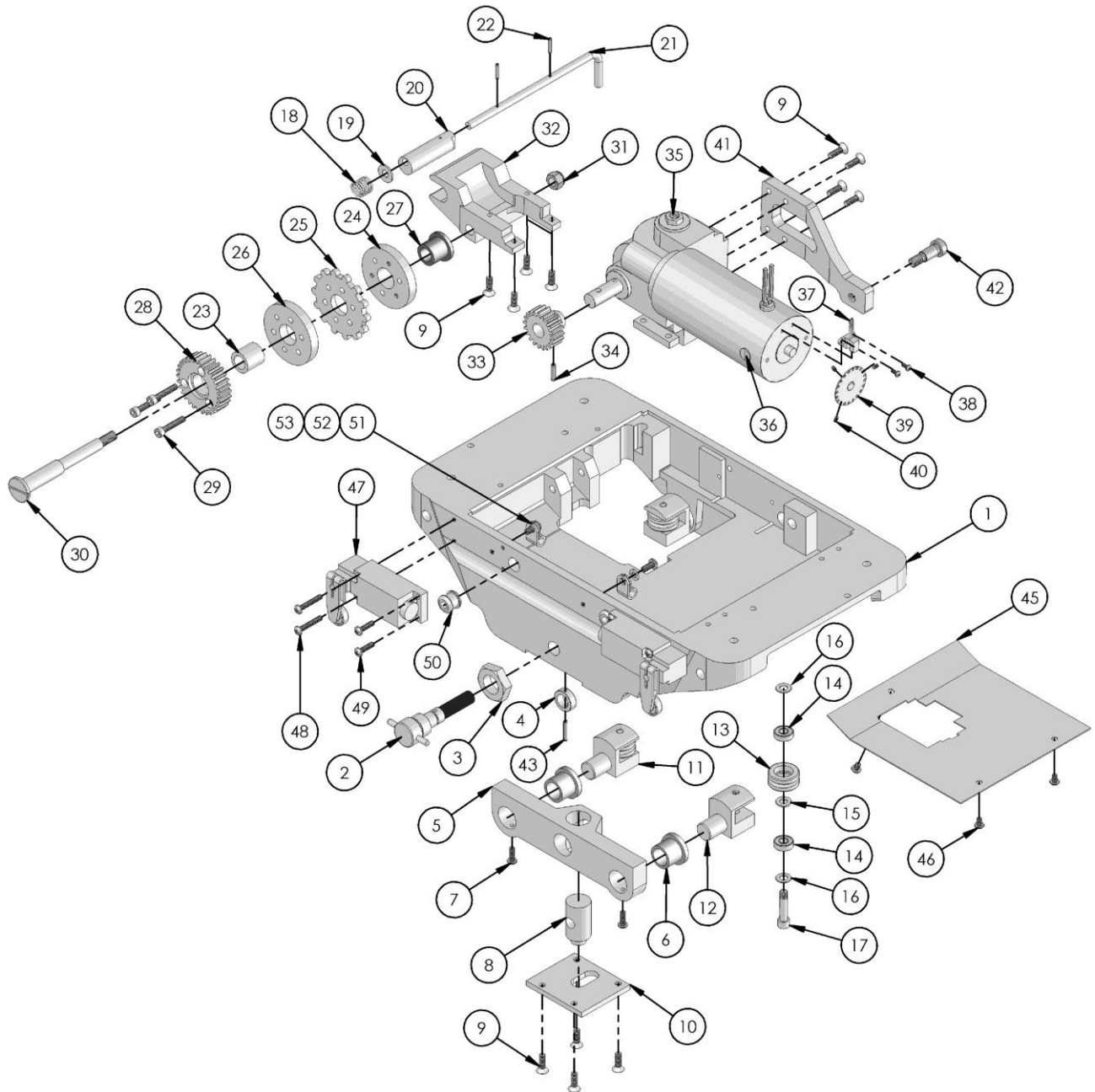
DRAWING NUMBER: GK-192-F-020-2B

ITEM	PART NUMBER	DESCRIPTION	QTY
1	GK-171-005	"KAT" LOWER HOUSING	1
2	GK-171-012	WHEEL ADJUSTMENT SCREW	1
3	GK-110-062	LOCK NUT	1
4	GK-171-102	WHEEL ADJUSTMENT COLLAR	1
5	GK-171-007	ADJUSTABLE WHEEL HOUSING	1
6	GK-165-009	WHEEL SHAFT BEARING	4
7	GK-112-050	8-32 x 1/2" ROUND HEAD SCREW	4
8	GK-171-008	WHEEL HOUSING PIVOT PIN	1
9	GK-105-050	10-32 x 5/8" FLAT HEAD LOCKING SCREW	12
10	GK-171-482	RETAINING PLATE	1
11	GK-192-F-065	FLEX WHEEL ASSEMBLY (ITEMS 12 TO 17)	4
12	GK-192-F-006	FLEX WHEEL YOKE	4
13	GK-192-F-007	FLEX WHEEL	4
14	GK-192-F-005	FLEX WHEEL BEARING	8
15	GK-192-F-009	BEARING SPACER	4
16	GK-111-066	FLAT WASHER, 1/4" ID x 1/2" OD	8
17	GK-192-F-035	FLEX WHEEL BOLT	4
18	GK-116-003	CAM SHAFT SPRING	1
19	GK-111-051	PLAIN WASHER, 1/4"	1
20	GK-165-015	CAM	1
21	GK-171-013	CAM SHAFT LEVER	1
22	GK-117-004	3/32" x 9/16" SPRING PIN	2
	GK-192-F-028	POWER UNIT ASSEMBLY (8 PCS ITEM 9 & ITEMS 23 TO 42)	1
	GK-192-F-008-1	FLEX CAM FORK ASSEMBLY (ITEMS 23 TO 32)	1
	GK-192-F-013	FLEX SPROCKET DRIVE GEAR ASSEMBLY (ITEMS 23 TO 29)	1
23	GK-118-060	IDLER GEAR BEARING	1
24	GK-192-F-004	DRIVE HUB (WITH BOSS)	1
25	GK-192-F-017	DRIVE SPROCKET	1
26	GK-192-F-003	DRIVE HUB (FLAT)	1
27	GK-118-052	IDLER GEAR BUSHING	1
28	GK-192-F-015	TRANSFER GEAR	1
29	GK-107-080	SOCKET HEAD CAP SCREW, 10-32 x 1"	3
30	GK-192-F-167	SHOULDER SCREW	1
31	GK-135-050	LOCK NUT, 5/16"-18	1
32	GK-192-F-008	CAM FORK	1
33	GK-192-F-012	FLEX MOTOR DRIVE PINION	1
34	GK-117-031	SPRING PIN 1/8" x 5/8"	1
35	GK-192-F-271	GEARHEAD & MOTOR ASSEMBLY, 0.8-25.8 ipm [2-65.4 cm/min.] (C/W ITEM 36)	1
	GK-192-F-133	GEARHEAD & MOTOR ASSEMBLY, 1.5-51.5 ipm [3.9-131 cm/min.] (C/W ITEM 36)	
	GK-192-F-131	GEARHEAD & MOTOR ASSEMBLY, 4.2-139 ipm [10.6-353 cm/min.] (C/W ITEM 36)	
36	GK-171-068-4	MOTOR BRUSHES (INCLUDED WITH ITEM 35)	2
37	GK-191-P-035	SENSOR, INCLUDING WIRING AND CONNECTOR	1
38	GK-112-060	ROUND HEAD SCREW, 4-40 x 1/4"	2
39	GK-191-P-038	SENSOR WHEEL	1
40	GK-106-063	SET SCREW, 4-40 x 3/16"	3
41	GK-171-011	MOTOR MOUNTING PLATE	1
42	GK-104-051	SHOULDER SCREW, 3/8" x 5/8"	1
43	GK-117-008	1/8" x 3/4" SPRING PIN	1
44	GL-190-019	"PUSH TO TURN" - NAMEPLATE (NOT SHOWN ON DRAWING)	1
45	GK-190-068	DUST COVER (OPTIONAL)	1
46	GK-112-089	8-32 x 1/4" ROUND HEAD SCREW (OPTIONAL)	3

SPECIFY "KAT" MODEL NUMBER AND SERIAL NUMBER WHEN ORDERING PARTS.

PARTS BREAKDOWN FOR A FLEX “KAT”® LOWER HOUSING ASSEMBLY

DRAWING NUMBER: GK-192-F-020-2B



ITEM	PART NUMBER	DESCRIPTION	QTY
47	GK-191-P-059	LIMIT SWITCH	2
48	GK-112-063	ROUND HEAD SCREW 8-32 x 1"	4
49	GK-112-052	ROUND HEAD SCREW, 8-32 x 5/8"	4
50	GK-151-003	RUBBER GROMMET	2
51	GK-156-041	CABLE CLAMP	2
52	GK-111-068	FLAT WASHER, #10	2
53	GK-112-094	ROUND HEAD SCREW, 10-32 x 7/16"	2
54	GK-191-P-070-C	WIRING HARNESS (FWD/REV) NOT SHOWN ON DRAWING	1

**PARTS BREAK DOWN FOR A "KAT"® INDEXING SYSTEM UPPER
HOUSING ASSEMBLY**

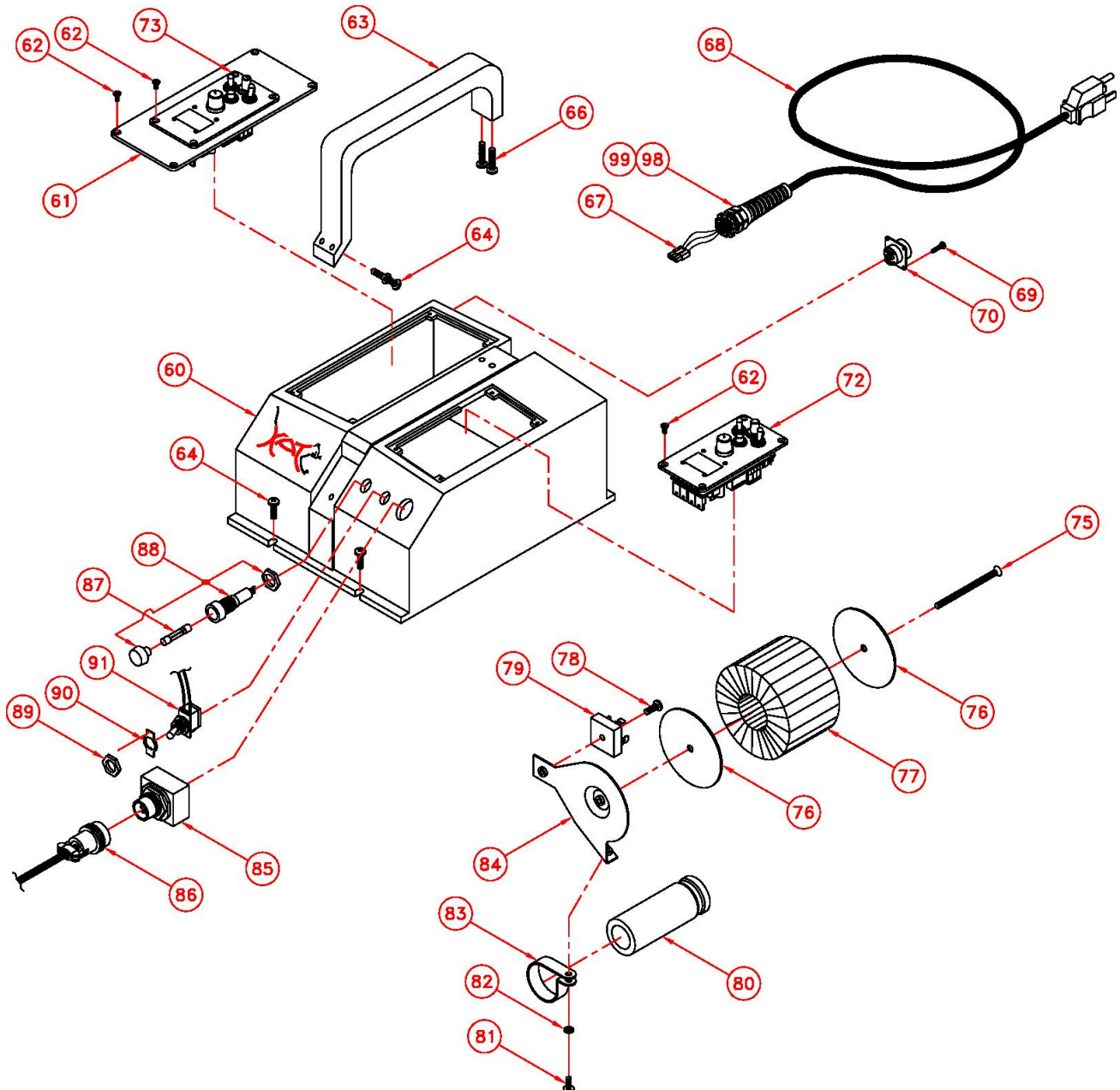
DRAWING NUMBER: GK-202-017

ITEM	PART NUMBER	DESCRIPTION	QTY
60	GK-191-P-130	"KAT" ACCESSORY CONTROL HOUSING	1
61	GK-202-021	GSP MOUNTING PLATE	1
62	GK-141-014	FLAT HEAD SCREW, 6-32 x 5/16"	12
63	GK-171-029	HANDLE	1
64	GK-112-069	ROUND HEAD SCREWS, 10-32 x 5/8"	6
66	GK-112-068	ROUND HEAD SCREWS, 10-32 x 7/8"	2
67	GK-156-047	CONNECTOR	1
68	GK-171-032	POWER CORD (SPECIFY VOLTAGE) (NOT ALWAYS SUPPLIED WITH PLUG)	1
69	GK-112-060	ROUND HEAD SCREW 4-40 x 1/4"	4
70	GK-150-013	12 SOCKET PANEL CONNECTOR	1
72	GSP-2010-5	CYCLE CONTROL (MASTER) (TYPICALLY "KAT")	1
73	GSP-2010-7	INDEX CONTROL (SLAVE) (TYPICALLY MOTORIZED RACK BOX)	1
74	GK-197-O-039	ELECTRICAL ASSEMBLY (ITEMS 75-84 & ITEMS 93-96)	1
75	GK-141-019	FLAT HEAD SCREW, 10-32 x 3"	1
76	GK-191-P-218	TRANSFORMER MOUNTING RUBBERS	1 PR
77	GK-191-P-019-A	TRANSFORMER, 42 V INPUT	1
	GK-191-P-019-B	TRANSFORMER, 115 V INPUT	
	GK-191-P-019-C	TRANSFORMER, 230 V INPUT	
78	GK-112-054	ROUND HEAD SCREW, 10-32 x 1/2"	1
79	GK-191-P-020	BRIDGE RECTIFIER	1
80	GK-191-P-062	CAPACITOR	1
81	GK-112-065	ROUND HEAD SCREW, 10-32 x 3/8"	1
82	GK-111-068	FLAT WASHER, #10	1
83	GK-191-P-063	CAPACITOR CLIP	1
84	GK-191-P-021	TRANSFORMER MOUNTING BRACKET	1
85	GK-191-P-071-A	ARC SIGNAL RELAY ASSEMBLY	1
86	GK-191-P-104	ARC SIGNAL RELAY CABLE ASSEMBLY	1
87	GK-165-098	SLOW BLOW FUSE, 42 V INPUT USE 5 AMP	1
	GK-165-099	SLOW BLOW FUSE, 115 V INPUT USE 2.5 AMP	
	GK-165-097	SLOW BLOW FUSE, 230 V INPUT USE 1.25 AMP	
88	GK-165-134	FUSE HOLDER ASSEMBLY	1
89	GK-191-P-056	SWITCH NUT (INCLUDED WITH ITEM # 91)	1
90	GK-191-P-050	ON/OFF NAMEPLATE	1
91	GK-191-P-022	POWER ON/OFF SWITCH (INCLUDES ITEM # 89)	1
93	GK-191-P-103	DISCHARGE RESISTOR & CAP. WIRING HARNESS (Not shown on drawing)	1
94	GK-191-P-127	HIGH FREQUENCY CAPACITOR HARNESS (Not shown on drawing)	1
95	GK-191-P-140	CAPACITOR TO CYCLE CONTROL HARNESS (Not shown on drawing)	1
96	GK-197-O-006	CAPACITOR TO INDEX CONTROL HARNESS (Not shown on drawing)	1
97	GK-191-P-128	LINE CORD CONNECTION HARNESS (Not shown on drawing)	1
98	GK-148-015	STRAIN RELIEF	1
99	GK-148-017	STRAIN RELIEF LOCK NUT	1

SPECIFY "KAT"® MODEL NUMBER AND SERIAL NUMBER WHEN ORDERING PARTS.

**PARTS BREAK DOWN FOR A “KAT”® INDEXING SYSTEM UPPER
HOUSING ASSEMBLY**

DRAWING NUMBER: GK-202-017



PARTS BREAK DOWN FOR AN INDEXING MOTORIZED RACK BOX ASSEMBLY

PART NUMBER GK-202-002-M (DRAWING #: GK-202-002)

ITEM	PART NUMBER	DESCRIPTION	QTY
1	GK-202-003	1-1/8" MACHINED INDEXER RACK BOX	1
	GK-202-020-M	24 VDC MOTOR ASSEMBLY, 1 - 32.7 in/min [2.5 - 83.1 cm/min], Items 2 - 7	1
2	GK-191-P-133-A	24 VDC GEAR-MOTOR (540:1)	1
3	GK-191-P-038	ENCODER DISK	1
	GK-106-063	# 4-40 x 3/16" SET SCREW (used with encoder disk, not shown on drawing)	3
4	GK-191-P-035	ENCODER SENSOR, INCLUDING WIRING & CONNECTOR	1
5	GK-112-060	# 4-40 x 1/4" ROUND HEAD SCREW	2
6	GK-190-111	ENCODER COVER	1
7	GK-105-086	# 8-32 x 7/8" FLAT HEAD SOCKET CAP SCREW	2
8	GK-165-012	15 TOOTH PINION GEAR	1
9	GK-117-008	1/8"Ø x 3/4" SPRING PIN	1
	GK-202-009	IDLER GEAR ASSEMBLY, Items 10 - 14	1
10	GK-202-006	IDLER GEAR MOUNTING BLOCK	1
11	GK-202-008	IDLER GEAR PIN	1
12	GK-118-084	BRONZE WASHER	2
13	GK-202-007	IDLER GEAR	1
14	GK-106-070	# 4-40 x 3/8" SET SCREW	2
15	GK-107-132	# 8-32 x 1-3/4" SOCKET HEAD CAP SCREW	4
16	GK-202-005	MOTOR MOUNTING BRACKET	1
17	GK-202-004	WIRE ENCLOSURE	1
18	GK-112-060	# 4-40 x 1/4" BUTTON HEAD CAP SCREW	6
19	GS-104-011	RACK BOX LIMIT SWITCH	2
20	GK-190-261	LIMIT SWITCH COVER	2
21	GK-107-113	# 4-48 x 5/16" SOCKET HEAD CAP SCREW	4
22	GK-112-062	# 6-32 x 1-1/4" ROUND HEAD SCREW	4
	GK-202-011	INDEXER RACK BOX CABLE ASS'Y (KAT SYSTEM), Items 23 - 26	1
23	GK-148-015	PIGTAIL STRAIN RELIEF	1
24	GK-148-017	STRAIN RELIEF LOCK NUT	1
25	GK-150-042	12 PIN CONNECTOR	1
	GK-156-027	TWO CIRCUIT MOTOR RECEPTACLE	1
	GK-156-015	MALE CRIMP TERMINALS FOR MOTOR RECEPTACLE	2
	GK-156-073	THREE CIRCUIT ENCODER RECEPTACLE	1
	GK-156-075	FIVE CIRCUIT LIMIT SWITCH RECEPTACLE	1
	GK-156-074	MALE CRIMP TERMINALS FOR ENCODER & LIMIT SWITCH RECEPTACLES	7
26	RM-111-112	MULTICONDUCTOR CABLE	31"
27	GK-171-405	NYLASTIC BEARING PLUG	8
28	GK-151-006	# 4 NYLON BUSHING	2
29	GK-151-007	1/4"Ø NYLON BUSHING	1
30	GK-136-053	1/4" BOLT LOCK WASHER	8
31	GK-112-107	1/4"-20 x 5/8" ROUND HEAD SCREW	8

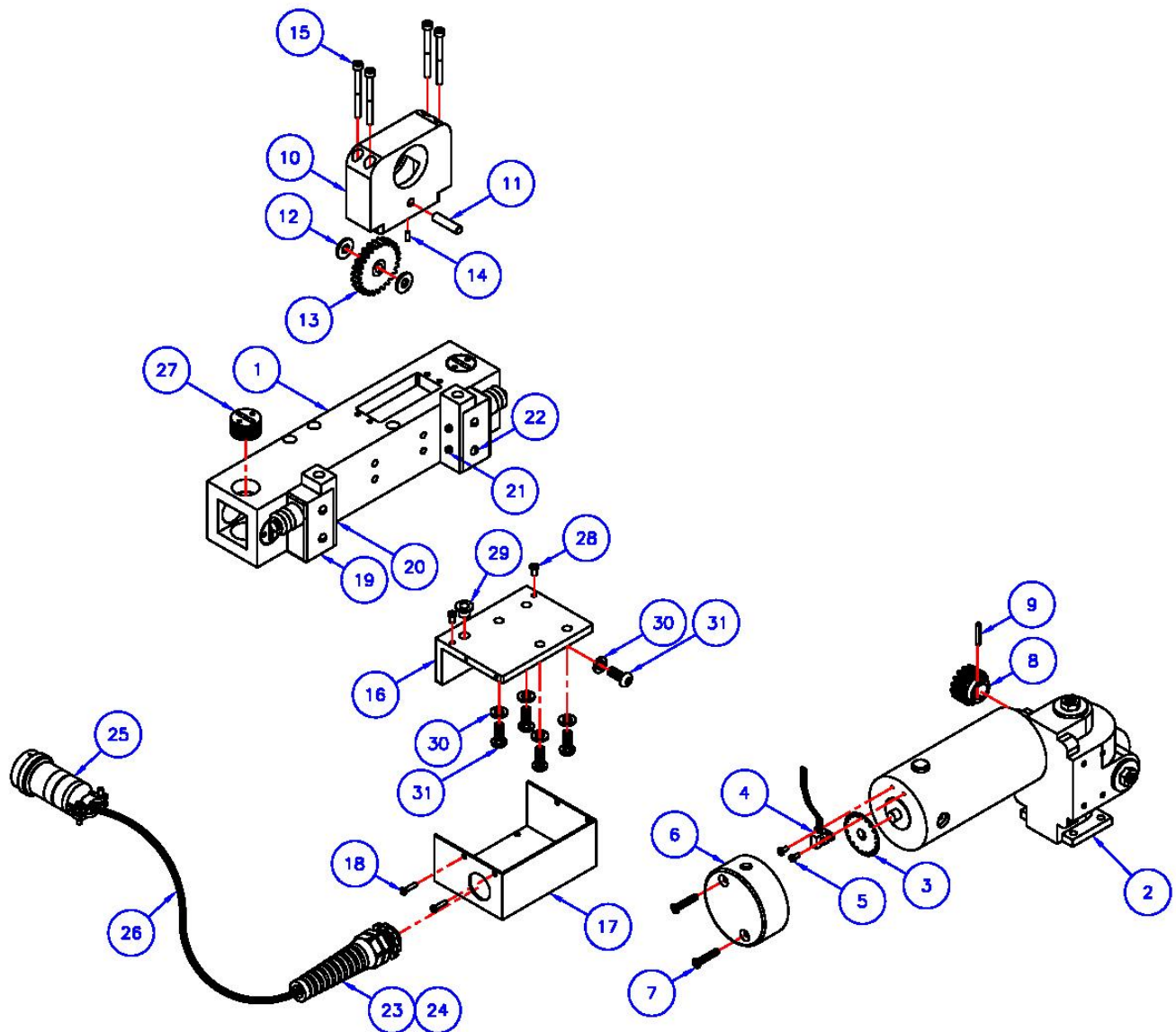
The above bill of materials is for a GK-202-002-M = 1 - 32.7 in/min [2.5 - 83.1 cm/min].

Substitute "-L" for "-M" part numbers = 0.5 - 16.4 in/min [1.2 - 41.6 cm/min].

Substitute "-H" for "-M" part numbers = 2.7 - 88.4 in/min [6.7 - 224 cm/min].

**PARTS BREAK DOWN FOR AN INDEXING MOTORIZED
RACK BOX ASSEMBLY**

PART NUMBER GK-202-002-M (DRAWING #: GK-202-002)



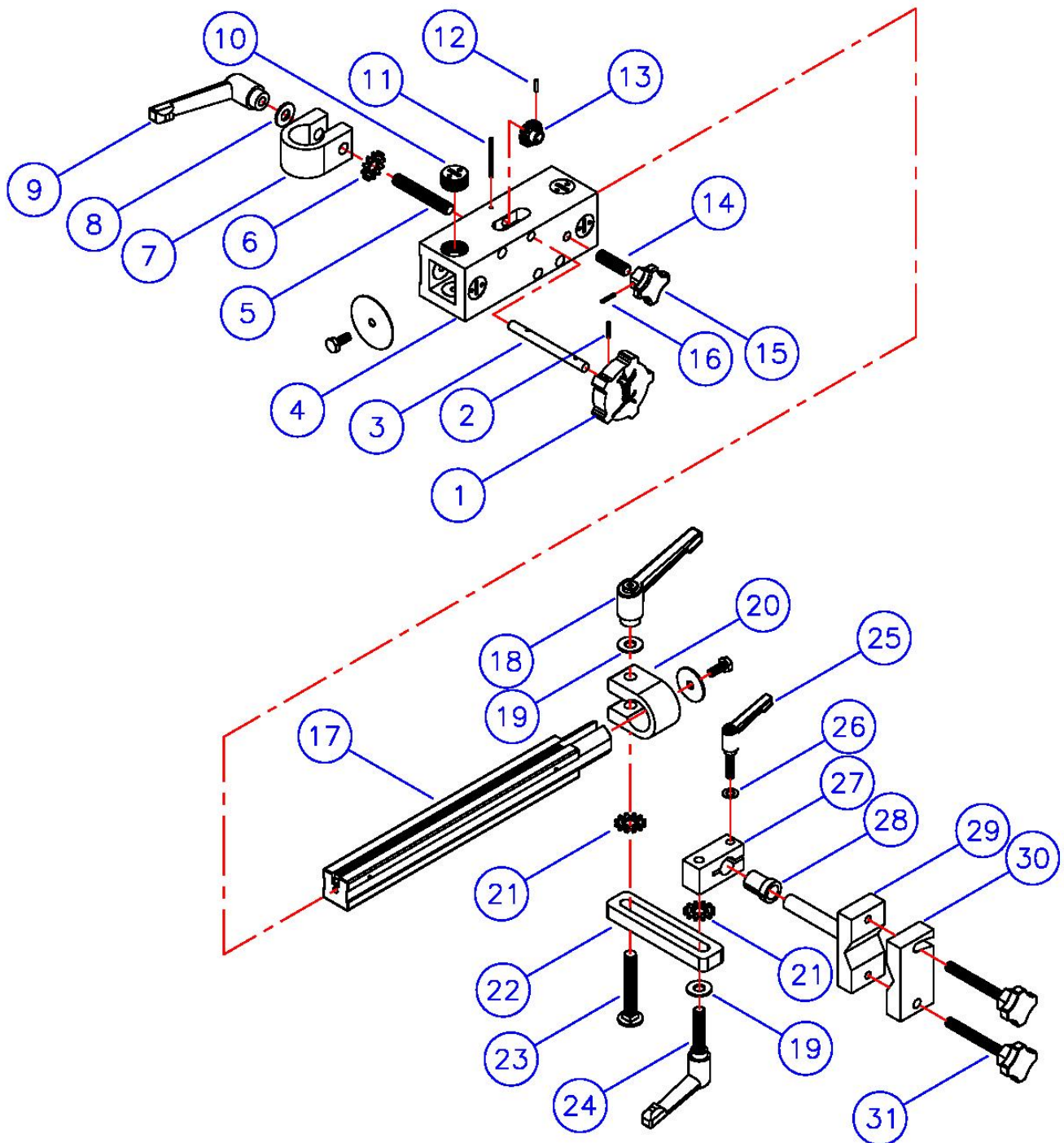
PARTS BREAK DOWN FOR A FOUR MOTION GUN HOLDER ASSEMBLY

PART NUMBER GK-165-074-2

ITEM	PART NUMBER	DESCRIPTION	QTY
	GK-171-685	1-1/8" SWIVEL RACK BOX ASSEMBLY (ITEMS 1-16)	1
1	GK-171-403	RACK BOX PINION KNOB	1
2	GK-117-004	3/32" x 9/16" SPRING PIN	1
3	GK-166-224	RACK BOX KNOB & PINION SHAFT	1
4	GK-171-403	1-1/8" RACK BOX FINISHED	1
5	GK-144-006	3/8"-16 x 2-7/16" THREADED ROD	1
6	GK-129-007	3/8" COMBINATION STAR LOCK WASHER	1
7	GK-166-183	1-1/8" SWIVEL CLAMP	1
8	GK-111-058	3/8" FLAT WASHER	1
9	GK-153-004	3/8"-16 FEMALE ADJUSTABLE HAND LEVER	1
10	GK-171-405	NYLASTIC BEARING PLUG	8
11	GK-117-024	3/32" x 1-1/2" SPRING PIN	1
12	GK-117-012	3/32" x 7/16" SPRING PIN	1
13	GK-171-023	RACK BOX PINION	1
	GK-165-106	STOP KNOB & SCREW ASSY. (ITEMS 14-16)	1
14	RM-100-102	3/8"-16 x 1-1/4" BRASS THREADED ROD	1
15	GK-165-105	STOP SCREW KNOB	1
16	GK-117-004	3/32" x 9/16" SPRING PIN	1
17	GK-171-047-1	1-1/8" RACK ARM ASSEMBLY, 12" LONG	1
	GK-165-145	SEMI AUTOMATIC GUN HOLDER ASSEMBLY (ITEMS 18-31)	1
18	GK-153-004	3/8"-16 FEMALE ADJUSTABLE HAND LEVER	1
19	GK-111-058	3/8" FLAT WASHER	2
20	GK-166-183	1-1/8" SWIVEL CLAMP	1
21	GK-129-007	3/8" COMBINATION STAR WASHER	2
22	GK-187-051	LINK ARM	1
23	GK-160-006	3/8"-16 x 2-1/2" CARRIAGE BOLT	1
24	GK-153-005	3/8"-16 x 1.58" ADJUSTABLE HAND LEVER	1
25	GK-153-002	1/4"-20 x 0.98" ADJUSTABLE HAND LEVER	1
26	GK-111-066	1/4" FLAT WASHER	1
27	GK-186-003	RIGHT ANGLE ADAPTOR CLAMP	1
28	GK-187-027	FIBRE BUSHING	1
29	GK-187-026R	WELDING GUN CLAMP RIGHT PART	1
30	GK-187-026L	WELDING GUN CLAMP LEFT PART	1
31	GK-190-077	KNOB SCREW ASSEMBLY	2

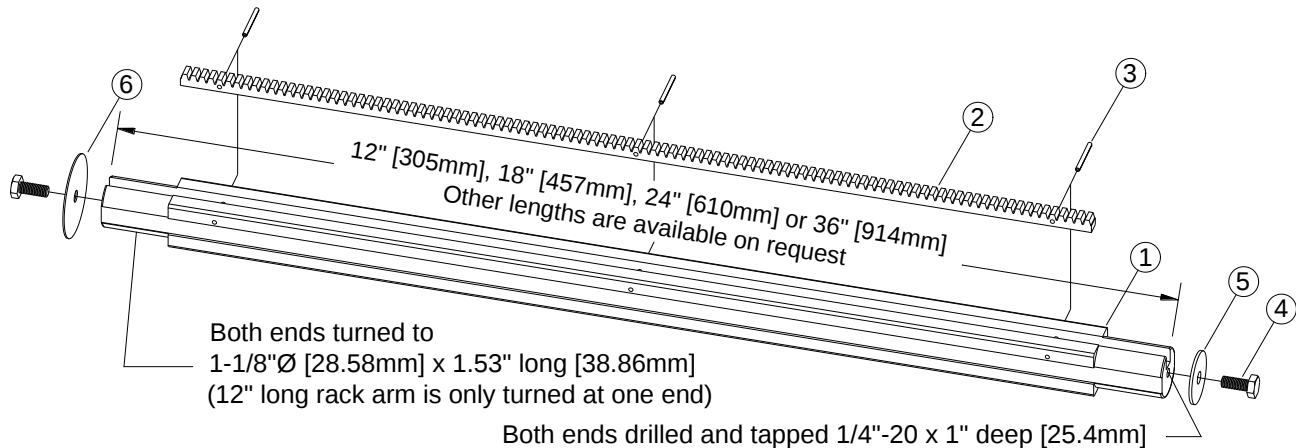
PARTS BREAK DOWN FOR A FOUR MOTION GUN HOLDER ASSEMBLY

PART NUMBER GK-165-074-2



PARTS BREAK DOWN FOR 1-1/8" RACK ARM ASSEMBLIES

DRAWING NUMBER GK-190-234

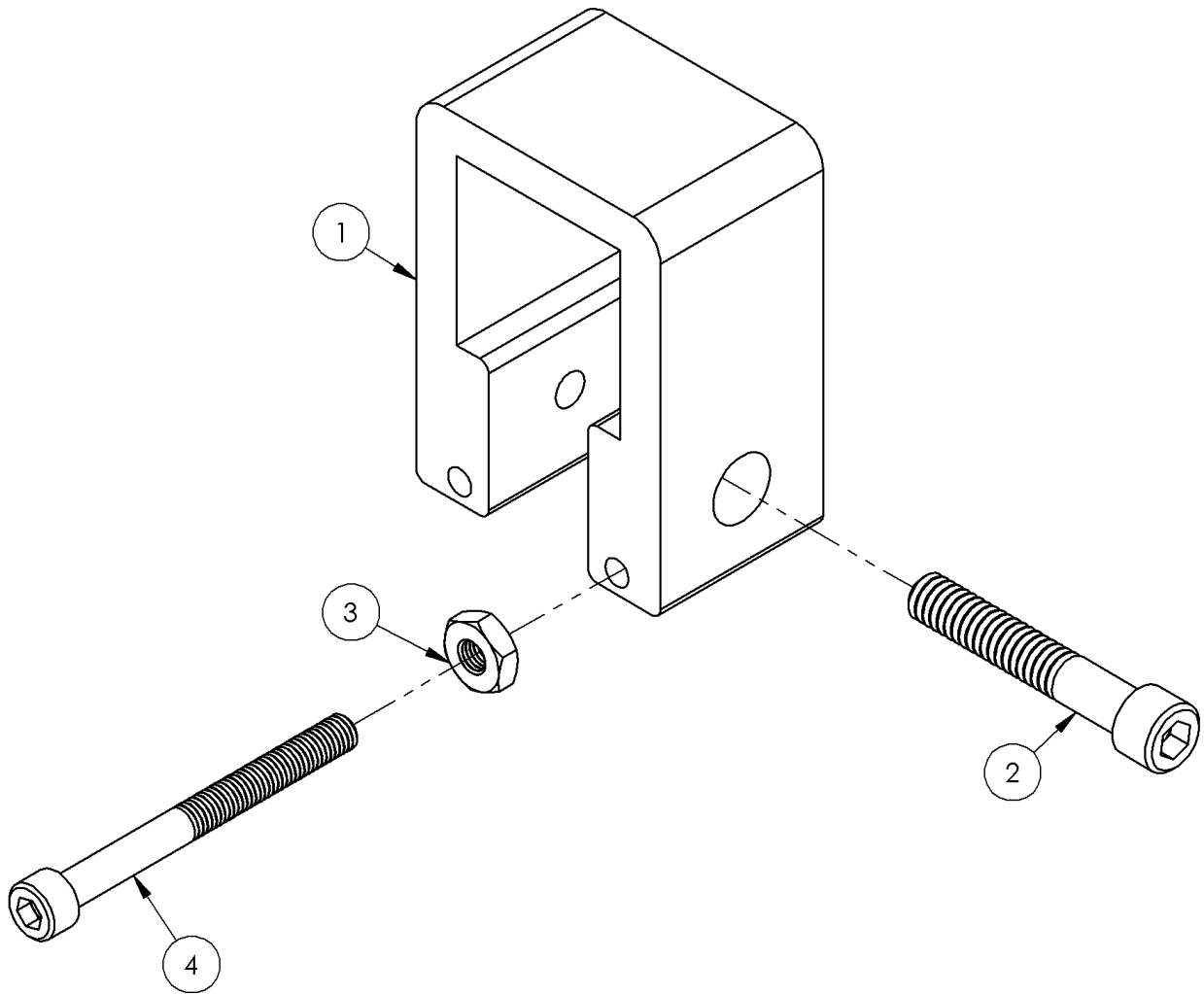


The standard "KAT"® carriage indexing system is equipped with a GK-171-047-1 and a GK-171-047-4..

ITEM	PART NUMBER	DESCRIPTION	QTY
GK-171-047-1 1-1/8" x 12" [305mm] Rack Arm Assembly			
1	GK-171-049-1	1-1/8" x 12" [305mm] Long, Machined Rack Arm	1
2	GK-165-011-05	5/16" Rack For A 12" [305mm] Long Rack Arm	1
3	GK-117-009	3/32" Ø x 1" Long Spring Pin	2
GK-171-047-2 1-1/8" x 18" [457mm] Rack Arm Assembly			
1	GK-171-049-2	1-1/8" x 18" [457mm] Long, Machined Rack Arm	1
2	GK-165-011-06	5/16" Rack For An 18" [457mm] Long Rack Arm	1
3	GK-117-009	3/32" Ø x 1" Long Spring Pin	2
GK-171-047-3 1-1/8" x 24" [610mm] Rack Arm Assembly			
1	GK-171-049-3	1-1/8" x 24" [610mm] Long, Machined Rack Arm	1
2	GK-165-011-07	5/16" Rack For A 24" [610mm] Long Rack Arm	1
3	GK-117-009	3/32" Ø x 1" Long Spring Pin	3
GK-171-047-4 1-1/8" x 36" [914mm] Rack Arm Assembly			
1	GK-171-049-4	1-1/8" x 36" [914mm] Long, Machined Rack Arm	1
2	GK-165-011-09	5/16" Rack For A 36" [914mm] Long Rack Arm	1
3	GK-117-009	3/32" Ø x 1" Long Spring Pin	3
4	GK-108-050	1/4"-20 x 5/8" HEXAGONAL BOLT	2
5	GK-111-081	1/4" FLAT WASHER x 1-3/16" OD	1
6	GK-111-082	1/4" FLAT WASHER x 1-7/8" OD	1

PARTS BREAKDOWN FOR ADJUSTABLE RACK ARM LIMIT SWITCH ACTUATORS

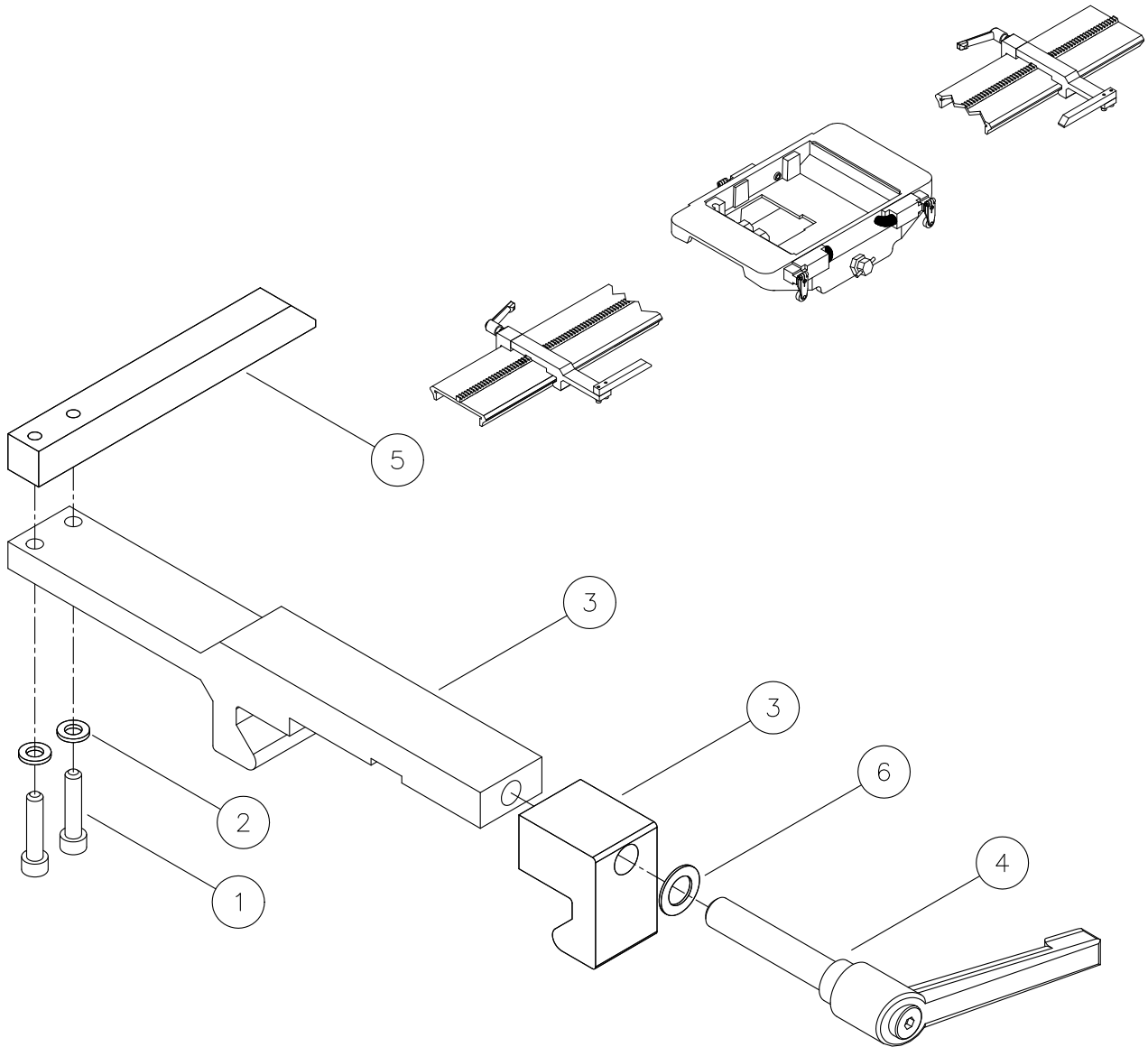
ASSEMBLY: GS-104-020



ITEM	PART NUMBER	DESCRIPTION	QTY
1	GS-104-019	1-1/8 RACK ARM STOP BODY	1
2	GK-107-055	1/4-20 x 1-1/2" SOCKET HEAD CAP SCREW	1
3	GK-109-054	# 10-32 HEX NUT	1
4	GK-107-081	# 10-32 x 2" SOCKET HEAD CAP SCREW	1

PARTS BREAKDOWN FOR ADJUSTABLE RIGID TRACK LIMIT SWITCH ACTUATORS

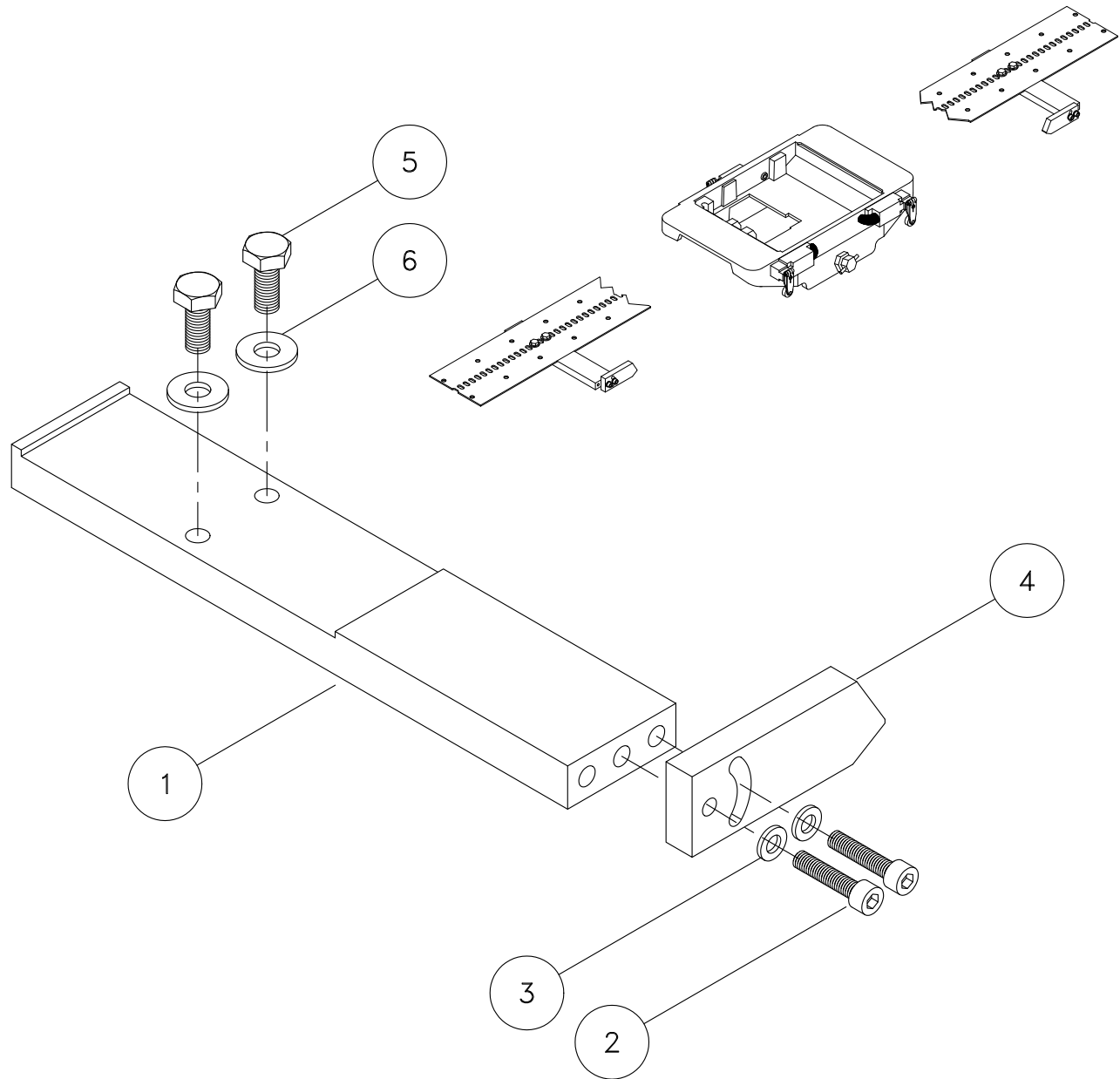
ASSEMBLY: GK-191-P-061



ITEM	PART NUMBER	DESCRIPTION	QTY
1	GK-107-079	10-32 x 7/8" SOCKET HEAD CAP SCREW	2
2	GK-111-068	#10 FLAT WASHER	2
3	GK-191-P-061-B	TRACK CLAMPS	1 SET
4	GK-153-014	3/8"-16 x 2.48" ADJUSTABLE HAND LEVER	1
5	GK-191-P-061-6	ACTUATOR BAR	1
6	GK-111-080	3/8" BOLT SIZE x 5/8" O.D. FLAT WASHER	1

PARTS BREAKDOWN FOR ADJUSTABLE FLEX TRACK LIMIT SWITCH ACTUATORS

ASSEMBLY: GK-191-P-060



ITEM	PART NUMBER	DESCRIPTION	QTY
1	GK-190-102	FIXED LIMIT STOP BLOCK	1
2	GK-107-079	10-32 x 7/8" SOCKET HEAD CAP SCREW	2
3	GK-111-068	#10 FLAT WASHER	2
4	GK-190-103	ADJUSTABLE END STOP BLOCK	1
5	GK-108-050	1/4"-20 x 5/8" HEX HEAD BOLT	2
6	GK-111-051	1/4" FLAT WASHER	2

DRAWING NUMBER: GK-191-P-029

