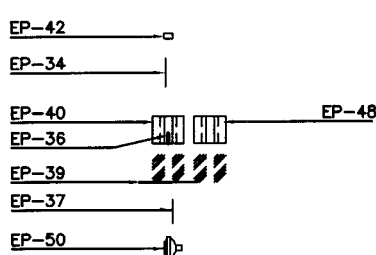


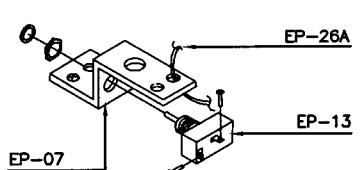
**Gear Pump Kits**

**EP-12H KIT**  
 EP-12H REPAIR KIT



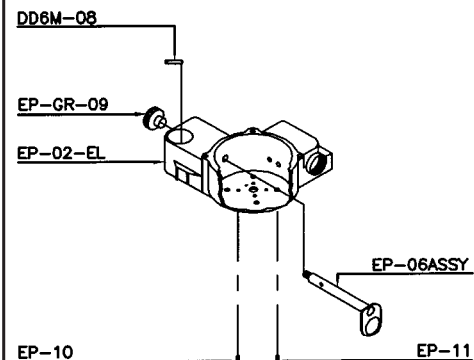
KIT INCLUDES:  
 O-RINGS, DRIVER GEAR, COASTER GEAR,  
 BYPASS VALVE, SEAL AND INSTRUCTION MANUAL.

**EP-13ASSY**  
 SWITCH ASSEMBLY



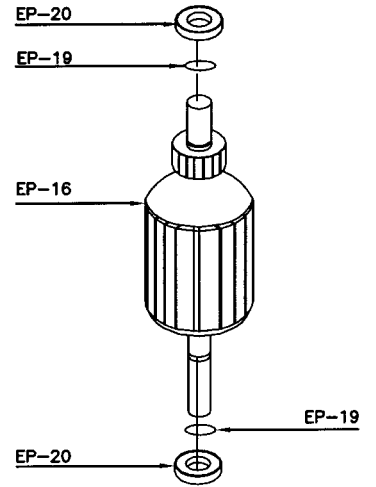
KIT INCLUDES:  
 SWITCH SUPPORT, SWITCH, WIRE AND TERMINAL ASSEMBLY.

**KD-48**  
 EL-12 REAR MOTOR CAP KIT



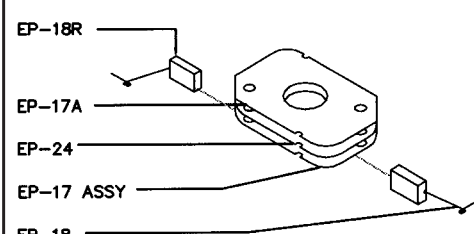
KIT INCLUDES:  
 ROLL PIN, REAR MOTOR CAP, ON/OFF KNOB, SCREWS,  
 SWITCH LEVER AND SHAFT.

**KD-50**  
 EP-12 & EL-12 ARMATURE/BEARINGS



KIT INCLUDES:  
 ARMATURE, SNAP RING AND BEARINGS.

**EP-17-01**  
 BRUSH & BRUSH PLATE REPLACEMENT



KIT INCLUDES:  
 BOTTOM BRUSH PLATE, TOP BRUSH PLATE, SPACER,  
 BRUSHES AND LEAD WIRES.



**Parts List**
**EP-12 Pump**

ITEM NUMBER	PART NUMBER	QTY	DESCRIPTION	AVAILABLE AS
1	EL-12 MOTOR	1	(SEE BELOW EXPLODED VIEW)	N/A
2	EP-43	2	SOCKET HEAD SCREW	PART
3	EP-42	1	SEAL	EP-12H KIT
4	EP-44	1	1" NPT ST ELBOW (BLACK IRON)	PART
5	EP-40	1	DRIVER GEAR	EP-12H KIT
6	EP-36	1	DRIVER PIN	EP-12H KIT, PART
7	EP-46 CAP	1	POLY TOP FOR DRV. PIN ON GEAR	EP-12H KIT, PART
8	EP-39	1	O-RING	EP-12H KIT, KD-54
9	EP-38	1	1/2" NPT PIPE PLUG	KD-54
10	EP-45	1	SIDE HOUSING	KD-54
11	EP-50	1	BYPASS VALVE	EP-12H KIT, KD-54
12	EP-51	1	BYPASS SPRING	KD-54
13	EP-35	1	PLUG	KD-54
14	BP-30	4	HEX HEAD SCREW	KD-55
15	EP-48	1	COASTER GEAR	EP-12H KIT
16	EP-43	3	SOCKET HEAD SCREW	PART
17	EP-31	2	HEX HEAD SCREW	KD-55
18	EP-30	1	BUNG ADAPTOR	KD-55
19	EP-66	1	O-RING	PART
20	EP-32	1	BUNG ADAPTOR HOUSING	PART
21	EP-34	1	O-RING	EP-12H KIT
22	EP-49	1	CHROME DOWEL PIN	EP-12H KIT
23	EP-41	1	PUMP HOUSING	PART
24	EP-37	1	O-RING	EP-12H KIT, KD-54

**EP-12 Motor**

ITEM NUMBER	PART NUMBER	QTY	DESCRIPTION	AVAILABLE AS
A	BP-30	4	HEX HEAD SCREW	KD-54
B	EP-03	1	SWITCH COVER	PART
C	EP-10A	1	SM PATTERN HX NUT	KD-14
D	EP-06ASSY	1	WELDED EP-05, EP-06 ASSEMBLY	KD-52, KD-48
E	EP-11	2	SCREW	KD-48
F	EP-23A	1	RING TERMINAL	N/A
G	EP-13ASSY	1	SWITCH ASSEMBLY	PART/KIT
H	EP-88W	1	COLLAR LOCK WASHER	KD-14
J	EP-88S	1	10-32 FILL SCREW (GREEN)	KD-14
K	EP-24	1	POLYSTER SPACER	EP-17-01
L	EP-18R	1	BRUSH W/RED WIRE LEAD	EP-17-01
M	EP-10	1	ROUND HEAD SCREW	KD-48, KD-14
N	EP-04	1	JUNCTION BOX COVER	PART
P	EP-25	4	HEX HEAD SCREW	KD-14
Q	EP-19	2	SNAP RING	KD-50
R	EP-20	2	BEARING	KD-50
S	EP-22	1	FISH PAPER	KD-51
T	EP-15	1	TUBE & MAGNET	KD-51
U	EP-01	1	FRONT MOTOR CAP	PART
V	EP-16	1	ARMATURE	KD-50
W	EP-18	1	BRUSH W/BLACK LEAD WIRE	EP-17-01
X	EP-17ASSY	1	EP-17B & EP-17S ASSEMBLED	EP-17-01
Y	EP-17A	1	BOTTOM BRUSH PLATE	EP-17-01
Z	EP-57	3	ROLL PINS	KD-48, KD-52
AA	EP-02-EL	1	REAR MOTOR CAP	KD-48
BB	EP-GR-09	1	ON/OFF BLACK KNOB	KD-52, KD-48
CC	EP-14	2	HEX INDENTED 1/4-20 BOLT	KD-14