

FOR

American Standard Eight

Floor Sanding Machine

Model Number _____ MODEL CH-10028
MODEL CH-10035 Serial Number _____

Every American floor sander is complete, ready to run, and has been thoroughly tested in our plant before shipping. However, do not attempt to operate it before you have read these instructions carefully. American machines are the most easily operated sanding machines on the market and are capable of producing the highest quality of finish at a very rapid rate. It must be borne in mind that, as with any mechanical device, practice is necessary in order to gain proficiency in operating these machines. The inexperienced operator should not expect the maximum results the first few days he uses the machine.

LUBRICATION ●

It will pay you to keep your machine properly greased. Always use clean grease of the proper grade. A grease that is not perfectly clean will do more damage than good. Never attempt to use oils in grease chambers. Be sure to replace grease plugs each time you grease your machine.

To grease the drum shaft bearings it is necessary to remove the drum bearing retainer plates and apply a small amount of grease to the bearings. Take great care not to damage the grease seals on the drum shaft. The motor is provided with grease plugs which can be removed for greasing the motor bearings.

The truck wheel, caster wheel and caster yoke are provided with large grease chambers which are filled at the factory with enough grease to properly lubricate the ball bearings for years. It is therefore not necessary to consider lubrication of these parts. The truck wheel bracket should be lubricated regularly through the grease fitting provided for this purpose.

The dust collector fan has a large grease chamber but no grease fittings. Grease fittings were purposely omitted on this part, because with gun greasing, there is a tendency to feed too much grease and also the possibility of foreign matter getting into the bearings, either of which proves disastrous to such high speed ball bearings. To lubricate the fan bearings, the fan should be disassembled, being very careful not to damage the grease seals on the fan shaft. The bearings should be thoroughly washed in gasoline and the grease chamber re-filled to about two-thirds of its capacity with perfectly clean grease.

If you operate your machine every day, you should naturally lubricate more often than if you operate it only occasionally. The table below will serve as a guide for how often to lubricate the various parts of your machine.

PART	LUBRICATION REQUIRED
Truck Wheel Bracket Bearing	1 or 2 times a month
Drum Shaft Ball Bearings	3 or 4 times a year
Motor Ball Bearings	3 or 4 times a year
Fan Ball Bearings	2 or 3 times a year
Idler Pulley Arm Bearing	2 or 3 times a year
Truck Wheel Ball Bearings	None
Caster Wheel Ball Bearings	None
Caster Yoke Ball Bearings	None

It is a good policy to take your machine to one of our numerous sales and service representatives once or twice a year for complete lubrication and inspection by factory trained mechanics. They will go over the entire machine and can provide and replace any worn parts such as grease seals, bearings, drum pad, etc.

CARE OF "V" BELTS

The "V" belts requires very little attention other than an occasional inspection to make sure that they have not stretched, causing them to slip in the grooved pulleys. An idler pulley is provided for the drive belts to keep them at proper tension. The tension on the drum belt is adjusted by sliding the motor and motor platform on the machine frame.

DUST COLLECTOR

The dust collection system is of simple and efficient design. It consists of dustpan, fan housing, fan, discharge pipe and dust bag. The dust pan is quickly detachable for clean-out purposes, being held in position by a spring catch. The discharge pipe is provided with a swivel joint in the goose-neck which facilitates operation of the machine in close quarters and also serves as a clean-out joint. The dust collecting system is very efficient in operation and to keep it operating at maximum efficiency, the dust bag should be emptied when it becomes about 1/3 full.

CONTROL LEVER

The control lever at the upper end of handle plays an important part in the operation of the machine. It is used at the end of each cut to raise and lower the drum from the floor. The proper drum pressure is adjusted and maintained by the automatic sustaining device (described below) so that the operator need not apply pressure with the control lever. This permits him to have both hands free for steering the machine. There is nothing to be gained by "crowding" the machine by applying additional pressure with the control lever, as the machine is designed to produce the maximum amount of work in a steady run and the motor is amply powerful to give full capacity of the machine. Never allow the sanding drum to rest on the floor while the machine is not in use. It will cause the drum pad to become flattened and affect the perfect working of the machine. Always leave the control lever in its upper position to hold sanding drum off the floor when the machine is not in use.

AUTOMATIC SUSTAINING DEVICE ●

The automatic sustainer screw is located at the rear of the machine frame. As this device is screwed in (clockwise) it increases the pressure of the drum upon the floor. When it is turned in the opposite direction, it reduces the drum pressure. The sustainer should ordinarily be set at 1 inch, measured from the boss on the frame to the under side of the head. This is the best position for average work, but floor conditions vary and the sustainer should be adjusted accordingly.

Where power line capacity is limited below the full power that the machine would have on a normal power supply, the automatic sustainer may also be used to reduce the drum pressure making it possible to operate the machine on weak power lines.

SECURING ABRASIVE PAPER TO DRUM ●

A sheet metal templet is supplied for use in cutting the proper sized sheet of paper from the roll. Unroll a sufficient length of paper from the roll so that the templet may be placed on the uncoated side of the paper with the side of the templet marked "This Side Up" on top. Match up the side edges of the templet with the edge of the paper, and then cut the paper at the angle indicated along each end of the templet. The templet should now be slid along the paper until the notch in the side of the templet registers with the end of paper. Now bend the other end of the paper, which projects from under the templet, up over that end of the templet.

Reverse the operation to crease the other end of the paper.

The paper is clamped on the drum by wrapping it around the drum and inserting the two folded ends into the drum slot. The clamp bars in the drum should be turned with their flat sides parallel with the drum slot to receive the ends of the paper and then should be turned simultaneously, with the two end wrenches provided for this purposes, to draw the paper into the clamps and thus tighten it around the drum. The paper should not be drawn too tightly around the drum as this will tend to make chatter marks on the floor. It should be tightened just enough so that it fits the drum without slack or wrinkles. When applying open coat paper of No. 4 or No. 4-1/2 grit, it will go into the drum slot much easier if the folded ends of the paper are pounded or scraped to remove some of the large abrasive grains. When applying paper of No. 1/2 grit or finer, it is necessary to insert a filler strip of No. 1-1/2 paper between the folded ends of the abrasive sheet when it is being clamped onto the drum.

Never leave the paper clamped tight on the sanding drum when the machine is not in use. When the machine is not operating, the paper should be left very loose on the drum to prevent the drum pad from becoming permanently compressed at the drum slot. Should this condition occur, the machine will leave chatter marks and produce work of inferior quality.

ELECTRICAL CONNECTIONS ●

Before connecting the machine to the power source, take precaution to see that the machine switch is in it's "OFF" position and that the sanding drum is off the floor. Connect the twist lock plug in the socket on the switch box of the sanding machine, and place the trailing wire in the cable arm. The wire arm consists of a steel rod with a short right angle bent at one end and a helical coil at the other. This is packed for shipping in the equipment package, and may be assembled by inserting the bent end into the hole in the cable arm bracket on the discharge pipe and securing it in place with a cotter pin. The trailing wire is wound between the coils on the end of the cable arm until it has passed completely through the coils, leaving it free to slide through the inside circle of coils.

The machine must be connected at the main fuse or distribution box and will not operate on lines fused with less than 25 or 30 ampere fuses. Best operation will be had when connected to a 220 volt supply, which should be used whenever it is available. If the machine has an alternating current motor, it is equipped with the American Voltage Selector which automatically connects the motor wiring for operation on either 110 volt or 220 volt depending on which of the two voltages the operator connects to; it is therefore not necessary for the operator to change any motor wiring each time he changes from one voltage to another. He has merely to connect the trailing wire to the main fuse box and the machine is ready to operate.

OPERATION ●

After the machine is connected to the current supply and the drum is off the floor, turn on the machine switch. Start sanding by simultaneously moving the machine slowly forward and gently lowering the sanding drum into contact with the floor by means of the control lever. After the drum is against the floor, the right hand may be removed from the control lever and used on the steering handle to control machine. Keep the machine moving by walking slowly forward, taking short steps and keeping your feet up close to the machine.

At the end of the forward cut, the sanding drum must be raised clear of the floor before the machine comes to a standstill. To start the backward cut, the machine must again be in motion as the drum is lowered in contact with the floor. If the machine were allowed to come to a standstill with the drum running in contact with the floor, a deep groove would result at this point.

An operator's belt is supplied as regular equipment with the machine. This is worn around the operator's waist with its ends connected to the machine handle. This belt takes the pull of the machine and relieves the strain on the operator's hands and arms.

TRAILING WIRE ●

We supply with each machine a heavy pure rubber covered trailing wire. American High Quality Trailing Wire is composed of three conductors of fine stranded copper wire, each strand being seamless rubber insulated and reinforced with a cotton braid of distinguishable colors to determine polarity. These three strands are then inbedded in a rubber casing, giving the cable the appearance of a single wire. It is kink, oil and curlproof and consequently of long service. Its feature of pliability enables one to recoil it quickly and without injury, and it also follows the machine easily.

DRUM LEVELING ●

This machine is equipped with a new improved drum leveling device. If due to wear of the drum pad or for any other reason, the drum cuts heavier on one side than on the other, the drum may be leveled as follows:

1. Remove the belt guard.
2. Through the rectangular opening on the side of the machine release the lock nut on the adjusting screw.
3. Screw the adjusting screw down to raise the left side of the drum, or turn it the opposite direction to lower left side of the drum.
4. When the drum is leveled, pull lock nut up tight.

CAUTION

It is wise to observe the following "Cautions".

Do not fail to raise the drum from the floor at the end of each cut before the machine comes to a standstill.

Always keep drum off the floor when machine is not in use. Take short steps when operating the machine.

Use abrasive paper for sanding drum - sandpaper is not suitable. For the benefit of our machine owners we supply a high quality abrasive paper at a reasonable price - send for price list.

The motor brushes will wear out in time. We carry these brushes in stock for immediate shipment - when ordering, give motor name, horse-power and number of motor found on motor nameplate.

Clean the treads of the truck wheels from time to time to prevent them from causing the drum to cut waves into the floor.

If you blow a fuse in starting the machine, replace it with a fuse of 30 ampere capacity.

Never place weights on your machine to increase the drum pressure. The maximum drum pressure is carefully determined at the factory. Exceeding this pressure will not increase the capacity and is liable to overheat the motor.

Use an American Spinner for a perfect job on the edges of the floor.

We furnish circulars, letterheads and cuts to assist our machine owners in stimulating business. Write for particulars.

GUARANTEE

We warrant this machine to be free from defects in material and workmanship under normal use and service and while supplied with the power specified on the nameplate for a period of one year from the date of purchase. This guarantee does not apply when the machine has been subject to misuse, negligence or accident, resold or operated under conditions contrary to our operating instructions.

For guaranteed servicing or inspections always take your American machines to your nearby authorized American distributor or write the factory giving us the serial and model numbers.

AMERICAN STANDARD EIGHT FLOOR SANDER
PARTS LIST

FOR MODEL CH-10028 Single Speed (115/230 Volt - 1½ H.P. - 50 Cycle)
FOR MODEL CH-10035 Single Speed (115/230 Volt - 1½ H.P. - 60 Cycle)
FOR MODEL CH-10035 Two Speed (115/230 Volt - 1½ H.P. - 60 Cycle)

(Always Order By Part Number)

NO.		PART NO.	NO. REQ'D.
1	Drive Belt (Model CH-10028 Only) _____	2-CH-69	2
	Drive Belt (Model CH-10035, Single Speed Only) _____	1-CH-69	2
	Drive Belt (Model CH-10035, Two Speed Only) _____	CH-1505	1
2	Spring - Drum Cover _____	AL-625	1
3	Drum Cover Shaft _____	CH-390	1
4	Set Screw - 8 - 32 x 1/4 Lg. Hollow Hd. Self Locking _____	1562	1
5	Nameplate _____	CK-920	1
6	Drive Screw - #4 x 3/16 Lg. _____	1602 CP	2
7	Drum Cover _____	CH-389	1
8	Screw - #10 - 24 x 1/4 Lg. Rd. Hd. _____	1101 CP	4
9	Bumper Strip _____	W-355	1
10	Screw - #10 - 24 x 5/16 Lg. Rd. Hd. _____	1103 CP	6
11	Cover Plate - Truck Wheel _____	CD-947	2
12	Frame _____	2-CH-1	1
13	Screw - 1/4 - 20 x 5/8 Lg. Rd. Hd. _____	1136 CP	3
14	Lockwasher - 1/4 _____	2500 CP	6
15	Drum Shaft Bearing Housing Cover _____	T-399	1
16	Gasket - Bearing Housing _____	T-393	1
17	Screw - Drum Shaft _____	T-313	1
18	Lockwasher - 1/2 _____	2507 CP	1
19	Bearing _____	77187	2
20	Drum Shaft Bearing Spacer _____	CD-394	1
21	Bearing Housing _____	CD-391	1
22	Woodruff Key - #9 _____	5201	2
23	Drum Shaft _____	CH-4	1
24	Drum Assembly _____	T-9R	1
25	Drive Shaft Bearing Spacer _____	CD-398	1
26	Retainer - Drum Shaft Felt Washer _____	AP-954	1
27	Drum Shaft Felt Washer _____	T-483	1
28	Drum Shaft Bearing Retainer _____	AP-395	1
29	Screw - 1/4 - 20 x 3/4 Lg. Rd. Hd. _____	1110 CP	3
30	Drum Pulley (CH-10028 & CH-10035 - Single Speed Only) _____	CH-783	1
	Drum Pulley (CH-10035 - Two Speed Only) _____	CH-1500	1
31	Washer _____	2012 CP	1
32	Nut - 5/8 - 18 Hex. Jam _____	4031 CP	1
33	Screw - 1/2 - 13 x 2-1/4 Lg. Flat Hd. _____	1014 CP	1
34	Washer - Motor Screw _____	CD-1259	1

NO.		PART NO.	NO. REQ'D.
35	Spacer - Motor Screw _____	CD-1258	1
36	Lockwasher - 1/2 _____	2507 CP	1
37	Nut - 1/2 - 13 Hex. _____	4010 CP	1
38	Cap Screw - 3/8 - 16 x 1-1/2 Lg. Hex. Hd. _____	1434 CP	4
39	Washer - 3/8 _____	2014 CP	4
40	Motor (Model CH-10028 Only) _____	CH-1024	1
	Motor (Model CH-10035 - Single Speed & Two Speed _____	CH-1023	1
41	Motor Platform _____	CH-951	1
42	Motor Platform Bolt Assembly _____	CD-944	1
43	Terminal _____	7855	4
44	Set Screw - 5/16 - 18 x 1/2 Lg. Allen Cup Pt. _____	1522 CP	1
45	Key _____	5107	1
46	Drive Pulley (Model CH-10028 Only) _____	3-CH-784	1
	Drive Pulley (Model CH-10035 - Single Speed Only) _____	2-CH-784	1
	Drive Pulley (Model CH-10035 - Two Speed Only) _____	CH-1499	1
47	Terminal Box Assembly _____	2-CH-952	1
48	Screw - 1/4 - 20 x 3/4 Lg. Rd. Hd. _____	1110 CP	3
49	Screw - #10 - 24 x 5/8 Lg. Flat Hd. _____	1004 CP	1
50	Disc Retainer _____	SU8-66	1
51	Plug Button _____	3100	1
52	Plunger Yoke Hinge Pin _____	CD-949	1
53	Cotter Pin - 3/32 x 3/4 _____	6104 CP	1
54	Spring - Plunger Yoke Pin _____	AL-625	1
55	Dust Pan Spring Plunger Yoke Assembly _____	CD-938	1
56	Control Reach Lever Shaft _____	2-CH-33	1
57	Nut - 5/16 - 18 Hex. Jam _____	4002 CP	1
58	Cap Screw - 5/16 - 18 Sq. Hd. Cup _____	1526 CP	1
59	Spring Plunger Adjusting Screw _____	CD-1301	2
60	Spring Plunger - Truck Wheel Bracket _____	AP-298	2
61	Truck Wheel Bracket Spring _____	CH-1328	2
62	Truck Wheel & Bracket Assembly _____	1-SU8-130	1
63	Belt Guard Clamp Assembly _____	CH-942	2
64	Screw - 1/4 - 20 x 5/8 Lg. Rd. Hd. _____	1136 CP	4
65	Belt Guard Stud _____	1-CD-854	1
66	Belt Guard Retaining Nut _____	CD-1136	1
67	Gasket _____	CH-168	1
68	Fan Housing Assembly (Model CH-10028 Only) _____	1-CH-375	1
	Fan Housing Assembly (CH-10035 - Single Speed & Two Speed) _____	CH-375	1
69	Cap Screw - 3/8 - 16 x 1" Lg Hex. Hd. _____	1433 CP	2
70	Fan Housing Felt Washer _____	AP-832	1
71	Dust Pan _____	CH-55	1

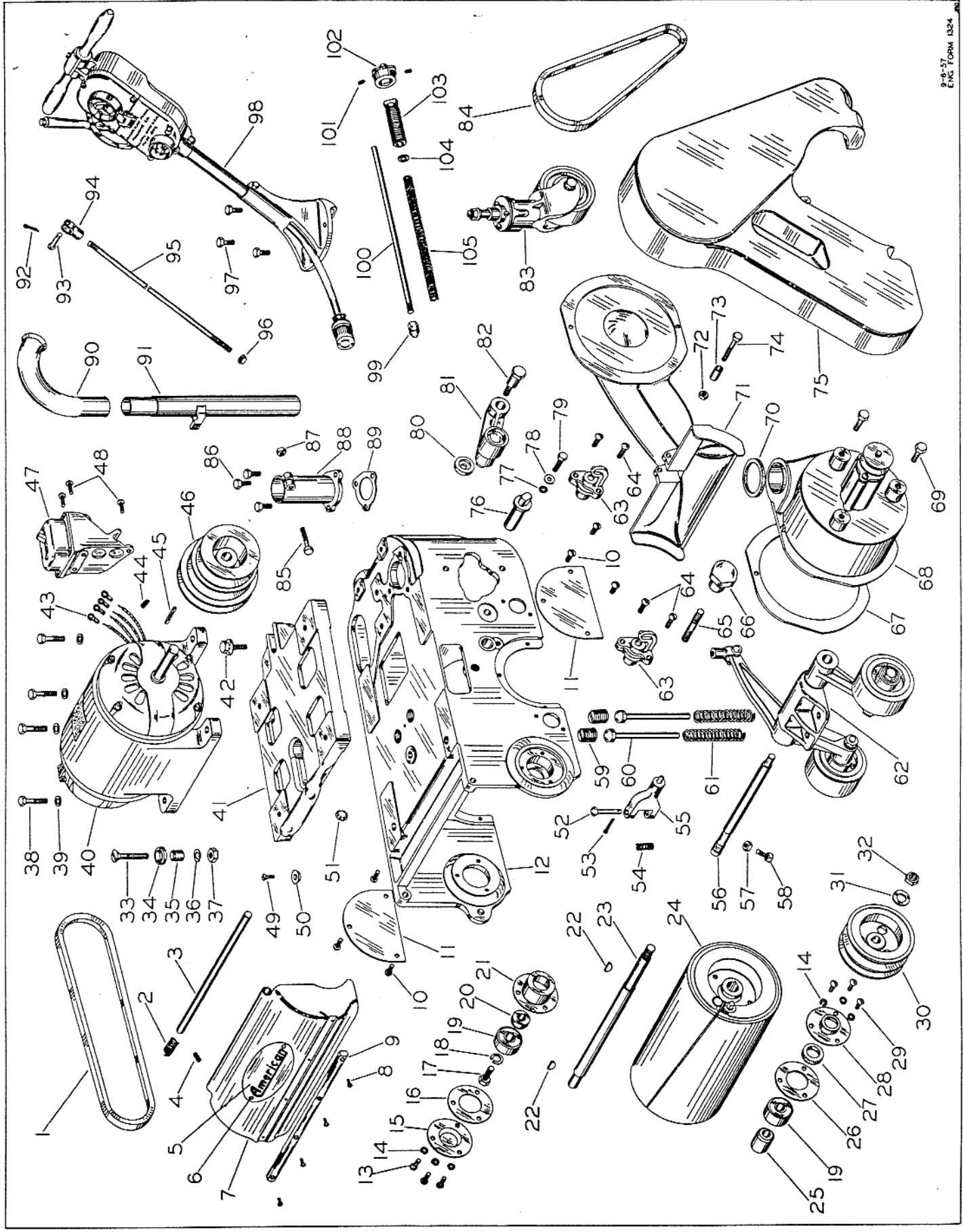
NO.		PART NO.	NO. REQ'D.
72	Nut - 5/16-18 Hex. _____	4001 CP	1
73	Dust Pan Clamp Bushing _____	1-CD-946	1
74	Cap Screw - 5/16-18 x 2" Lg. Hex. Hd. _____	1413 CP	1
75	Belt Guard _____	CH-998	1
76	Control Shaft Eccentric _____	SU8-12	1
77	Lockwasher - Shakeproof Ext. & Int. _____	2409 CP	1
78	Washer - Control Shaft Eccentric _____	SU8-64	1
79	Screw - 1/4-20 x 1" Lg. (Heat Treated) Hex. Hd. _____	1448 CP	1
80	Fan Belt Idler Stud Washer _____	CH-1392	1
81	Idler Pulley Assembly _____	2-CH-561	1
82	Stud - Idler Pulley Arm _____	CH-964	1
83	Caster Yoke Assembly _____	2-CD-559	1
84	Fan Belt - (Model CH-10028 Only) _____	CE-69	1
	Fan Belt - (CH-10035 - Single Speed & Two Speed) _____	1-CH-66	1
85	Cap Screw - 5/16-18 x 1-1/2 Lg. Hex. Hd. _____	1423 CP	1
86	Cap Screw - 3/8-16 x 5/8 Lg. Hex. Hd. _____	1430 CP	3
87	Nut - 5/16-18 Hex. _____	4001 CP	1
88	Pipe Support _____	T-93	1
89	Pipe Support Gasket _____	T-541	1
90	Discharge Pipe Assembly - Upper Section _____	CH-1190	1
91	Discharge Pipe Assembly - Lower Section _____	CH-1189	1
92	Cotter Pin - 3/32 x 3/4 _____	6104 CP	1
93	Control Rod Fork Pin _____	E-26	1
94	Control Rod Fork _____	1-E-25	1
95	Control Rod _____	CH-86	1
96	Nut - 3/8-16 Hex. _____	4013 CP	1
97	Cap Screw - 3/8-16 x 1" Lg. Hex. Hd. _____	1433 CP	3
98	Steering Handle Assembly _____	1-SU8-74	1
99	End Nut _____	E-114	1
100	Pilot Rod _____	CH-113	1
101	Set Screw - #10-24 x 3/8 Lg. Cone Pt. Slot _____	1566 CP	2
102	Knob - Sustainer Adjusting Screw _____	CH-1359	1
103	Sustainer Adjusting Screw _____	E-112	1
104	Washer - 3/4 _____	2006 CP	1
105	Sustainer Spring _____	CH-111	1
106	Stop Pin - Control Handle _____	2-E-21	1
107	Spring - Control Handle Stop _____	E-22	1
108	Control Handle _____	1-E-20	1
109	Screw - 5/16-18 x 1-1/4 Lg. Hex. Hd. _____	1404 CP	1
110	Washer _____	2013 CP	1
111	Nut - 5/16-18 Hex. _____	4001 CP	1

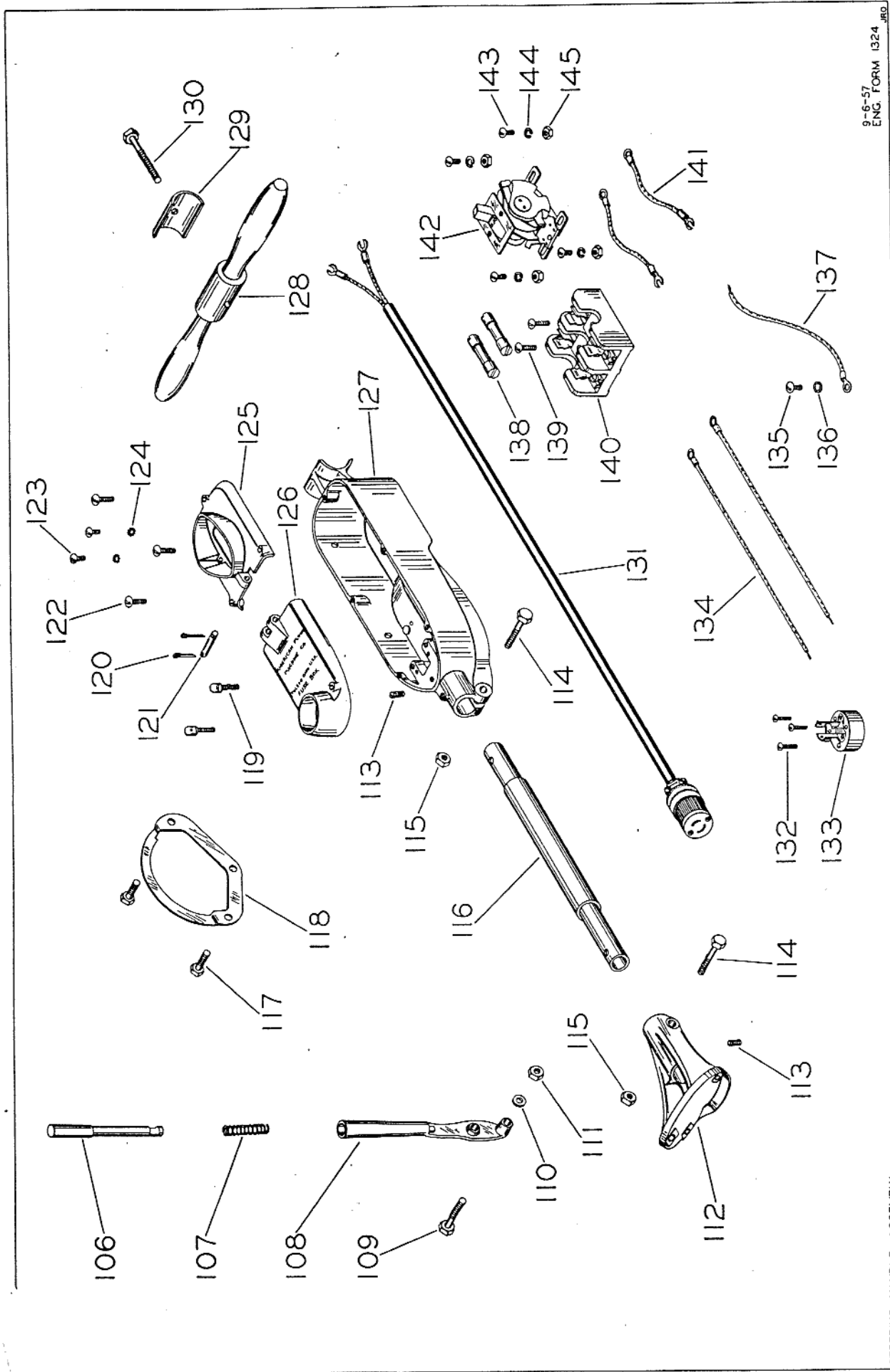
NO.		PART NO.	NO. REQ'D.
112	Handle Bracket _____	CH-825	1
113	Set Screw - 3/8 - 16 x 5/8 Lg. Dog Pt. _____	1506 CP	2
114	Screw - 5/16 - 18 x 1-1/2 Lg. Hex. Hd. _____	1423 CP	2
115	Nut - 5/16 - 18 Hex. _____	4001 CP	2
116	Handle Pipe _____	CD-356	1
117	Screw - 5/16 - 18 x 1/2 Lg. Hex. Hd. _____	1421 CP	2
118	Control Quadrant _____	T-23	1
119	Thumb Screw - #10 - 24 x 3/4 Lg. _____	7501 CP	2
120	Cotter Pin - 1/16 x 1/2 Lg. _____	6100 CP	2
121	Hinge Pin - Cover _____	1-CD-567	1
122	Screw - #10 - 24 x 3/4 Lg. Rd. Hd. _____	1114 CP	3
123	Screw - #6 - 32 x 1/4 Lg. Rd. Hd. _____	1115 CP	2
124	Lockwasher - Shakeproof _____	2402 CP	2
125	Switch Cover _____	CD-163	1
126	Switch Box Fuse Cover _____	CD-953	1
127	Switch Box _____	3-CD-100	1
128	Steering Handle _____	W-27	1
129	Clamp - Steering Handle _____	CD-107	1
130	Screw - 5/16 - 18 x 2-1/4 Lg. Hex. Hd. _____	1424 CP	1
131	Motor Terminal Wire Assembly _____	CD-543	1
	Female Plug _____	K-436	1
	Terminal _____	7878	2
132	Screw - #6 - 32 x 3/4 Lg. Rd. Hd. _____	1154 CP	3
133	Male Connector Plug _____	AP-862	1
134	Switch Wire _____	CD-544	2
	Terminal _____	7853	1
135	Screw - #10 - 24 x 1/4 Lg. Rd. Hd. _____	1101 CP	1
136	Lockwasher - Shakeproof _____	2418 CP	1
137	Ground Wire _____	CD-606	1
138	Cartridge & Link _____	7900	2
139	Screw - #10 - 24 x 3/4 Lg. Rd. Hd. _____	1114 CP	2
140	Fuse Block _____	K-141	1
141	Fuse Block Wire _____	CD-545	2
	Terminal _____	7853	1
	Terminal _____	7878	1
142	Switch _____	AP-72	1
143	Screw - #10 - 24 x 3/8 Lg. Rd. Hd. _____	1112 B	4
144	Lockwasher - #10 _____	2501 CP	4
145	Nut - #10 - 24 Hex. _____	4017 B	4
146	Nut - 1/2 - 13 Hex. Jam _____	4011 CP	1
147	Lockwasher - 1/2 _____	2507 CP	1

NO.		PART NO.	NO. REQ'D.
148	Spacer - Yoke Bracket _____	1-T-242	1
149	Bearing - Caster Yoke _____	77217	2
150	Spacer - Yoke Bearing _____	1-T-243	1
151	Pivot Bolt _____	1-T-239	1
152	Retaining Ring _____	2615	1
153	Screw - 1/4 - 20 x 1/2 Lg. Rd. Hd. _____	1113 CP	3
154	Lockwasher - 1/4 _____	2500 CP	3
155	Dust Washer Ring _____	T-241	1
156	Washer - Yoke _____	T-256	1
157	Bearing Retainer _____	T-240	1
158	Caster Wheel Yoke _____	1-T-235	1
159	Nut - 1/2 - 13 Hex. _____	4010 CP	1
160	Lockwasher _____	2507 CP	1
161	Spacer - Wheel Bearing _____	AP-339	2
162	Bearing - Wheel _____	77120	2
163	Truck Wheel _____	1-CD-12	1
164	Spacer - Wheel Bearing _____	CD-371	1
165	Axle _____	CH-13	1
166	Cotter Pin - 3/32 x 3/4 _____	6104 CP	1
167	Control Rod Fork _____	1-E-25	1
168	Fork Pin _____	E-26	1
169	Screw - #8 - 32 x 1/2 Lg. Self Tapping Fill. Hd. _____	1948 CP	6
170	Wheel Side Plate _____	SU8-132	2
171	Rubber Tire _____	SU8-134	1
172	Retaining Ring _____	2600	2
173	Truck Wheel Hub _____	SU8-133	1
174	Truck Wheel Bracket _____	3-CH-32	1
175	Truck Wheel Axle _____	CH-13	2
176	Bearing - Wheel _____	77120	4
177	Bearing Spacer _____	CD-371	2
178	Truck Wheel Assembly _____	SU8-135	2
179	Washer _____	2026 CP	2
180	Lockwasher - 1/2 _____	2507 CP	2
181	Nut - 1/2 - 13 Hex. Jam _____	4011 CP	2
182	Zerk Grease Fitting _____	3027 CP	2
183	Screw - #6 - 32 x 3/8 Lg. Rd. Hd. _____	1117 CP	2
184	Screw - #10 - 24 x 5/8 Lg. Rd. Hd. _____	1109 CP	4
185	Cover _____	1-CH-190	1
186	Switch _____	CK-1212	1
187	Terminal Box _____	1-CH-189	1
188	Shunt Wire _____	CD-1350	1

NO.		PART NO.	NO. REQ'D.
189	Plug - Male _____	K-435-A	1
190	Screw - #8 - 32 x 5/8 Lg. Rd. Hd. _____	1122 CP	2
191	Meter Lead Wire Assembly _____	SU8-114	2
	Sleeve _____	SU8-118	1
	Terminal _____	7856	1
	Tip Jack _____	8000	1
	Retaining Ring _____	8010	1
192	Wire - Circuit Selector _____	CH-1140	2
193	Screw _____	CH-1156	1
194	Spring _____	CD-940	1
195	Ball - 1/2 Dia. _____	CD-941	1
196	Clamp _____	CH-939	1
197	Screw _____	CH-1156	1
198	Spring _____	CD-936	1
199	Plunger _____	CD-937	1
200	Yoke _____	CD-935	1
201	Nut - 3/8 - 16 Hex. Jam _____	4008 CP	1
202	Washer _____	2006 CP	1
203	Idler Pulley Arm _____	1-CH-335	1
204	Spacer _____	1-AP-339	1
205	Idler Pulley _____	1-CH-337	1
206	Bearing - Pulley _____	77164	1
207	Shaft _____	CH-338	1
208	Idler Pulley Grease Cap _____	AP-921	1
209	Retaining Ring _____	2600 CP	1
210	Nut - 7/16 - 24 Hex. L. H. _____	4026 CP	1
211	Washer _____	2018 CP	1
212	Fan _____	CH-52	1
213	Fan Collar _____	CD-135	1
214	Grease Seal _____	AL-808	1
215	Bearing - Fan End Shaft _____	77120	1
216	Woodruff Key _____	5202	1
217	Fan Shaft _____	CH-75	1
218	Dust Pan Locating Stud _____	CD-932	2
219	Fan Housing _____	CH-58	1
220	Bearing - Pulley End Shaft _____	77157	1
221	Felt Washer _____	E-256	1
222	Bearing Cap _____	CD-931	1
223	Felt Retainer _____	CH-130	1
224	Lockwasher - 1/4 _____	2500 CP	3
225	Screw - 1/4 - 20 x 1/2 Lg. Rd. Hd. _____	1113 CP	3

NO.		PART NO.	NO. REQ'D.
226	Fan Shaft Pulley (Model CH-10028 Only) _____	4-CH-59	1
	Fan Shaft Pulley (CH-10035 - Single Speed & Two Speea) _____	3-CH-59	1
227	Trailing Wire _____	1-R-118-50	1
228	Dust Bag _____	2-T-68	1
229	Operating Belt _____	T-149	1
230	Cable Arm _____	SU8-34	1
231	Cotter Pin - 3/32 x 1 _____	6105 CP	1
232	Allen Wrench _____	5152	1
233	Template _____	T-78	1
234	End Wrench _____	T-77	1
235	End Wrench - 11/16 & 19/32 _____	5051	1
236	End Wrench - 3/4 & 9/16 _____	5050	1
237	Carrying Handle _____	T-148	1



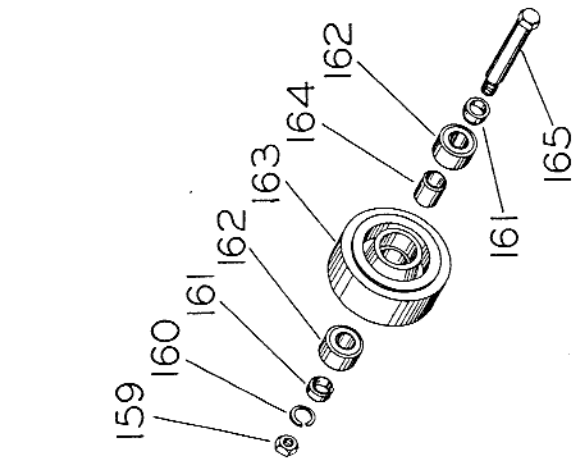


9-6-57
 ENG. FORM 1324
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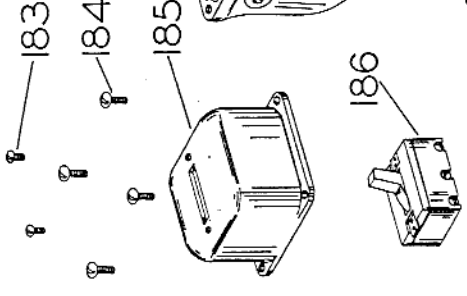
STEERING HANDLE ASSEMBLY

NO.		PART NO.	NO. REQ'D.
139	Set Screw - Eccentric - 5/16 - 18 x 3/4 Lg. Sq. Hd. _____	1524 CP	1
140	Eccentric _____	AP-824	1
141	Lockwasher - Axle _____	2507 CP	2
142	Nut - Axle - 1/2 - 13 Hex. Jam _____	4011 CP	2
143	Screw - Clamp - 3/8 - 16 x 1-3/4 Lg. Hex. Hd. _____	1435 CP	1
144	Grease Fitting - 1/8 Zerk _____	3027 CP	2
145	Idler Pulley Arm Assembly _____	1-CK-980	1
146	Bearing _____	77121	1
147	Retaining Ring _____	2607	1
148	Stop Pin _____	2-E-21	1
149	Stop Spring _____	E-22	1
150	Control Handle _____	1-E-20	1
151	Screw - Quadrant - 5/16 - 18 x 1-1/4 Lg. Hex. Hd. _____	1404 CP	1
152	Screw - Quadrant - 5/16 - 18 x 2-1/2 Lg. Hex. Hd. _____	1425 CP	2
153	Quadrant _____	T-23	1
154	Nut - Quadrant - 5/16 - 18 Hex. _____	4001 CP	1
155	Bolt - 5/16 - 18 x 3-1/2 Lg. Square Hd. _____	1051 CP	1
156	Cap _____	E-107	1
157	Handle _____	AP-1362	1
158	Nut - 5/16 - 18 Square _____	4351	1
159	Washer - Quadrant _____	2013 CP	2
160	Nut - Quadrant - 5/16 - 18 Hex. _____	4001 CP	1
161	Handle Shank _____	CK-1363	1
162	Trailing Wire Assembly _____	ADM-294-50	1
163	Trailing Wire Adapter _____	S7S-50	1
164	Cable Arm _____	SU8-34	1
165	Dust Bag _____	2-T-68	1
166	Cotter Pin _____	6105 CP	1
167	Carrying Handle _____	T-148	1
168	End Wrench - 19/32 & 1/2 _____	5053	1
169	End Wrench _____	T-77	1
170	Allen Wrench _____	5152	1
171	Template _____	CK-78	1

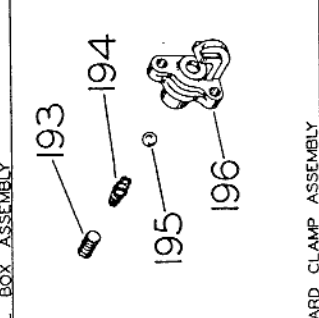
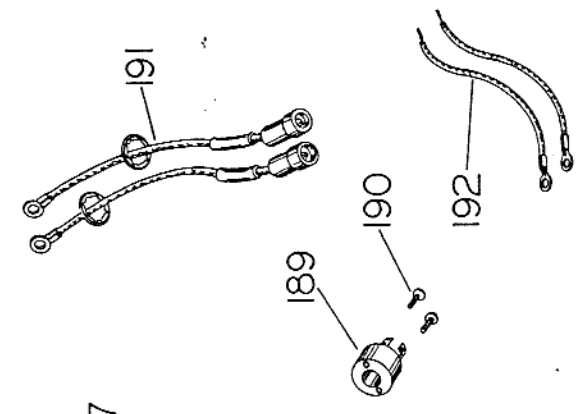
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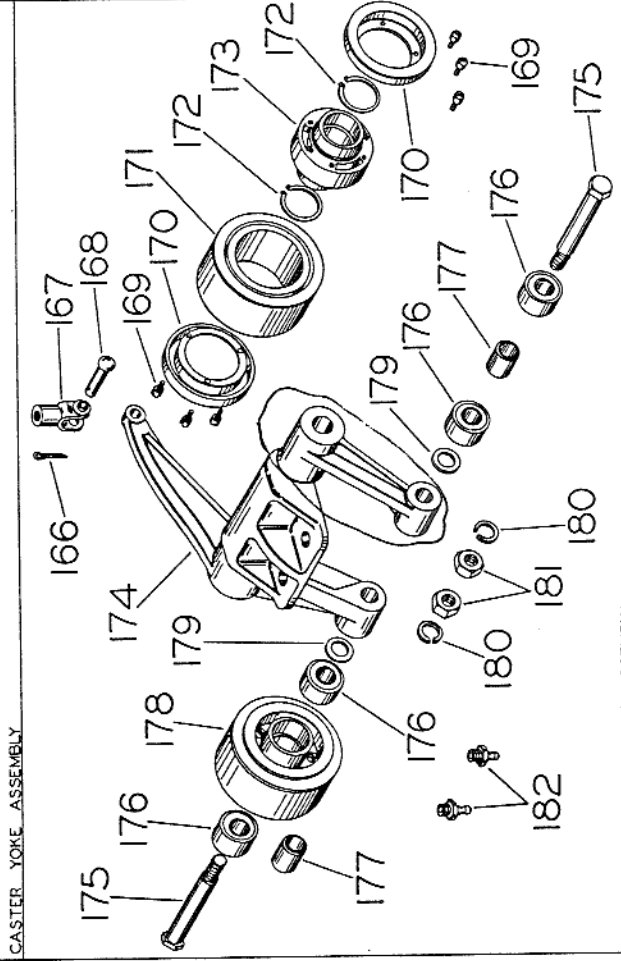
CASTER YOKE ASSEMBLY



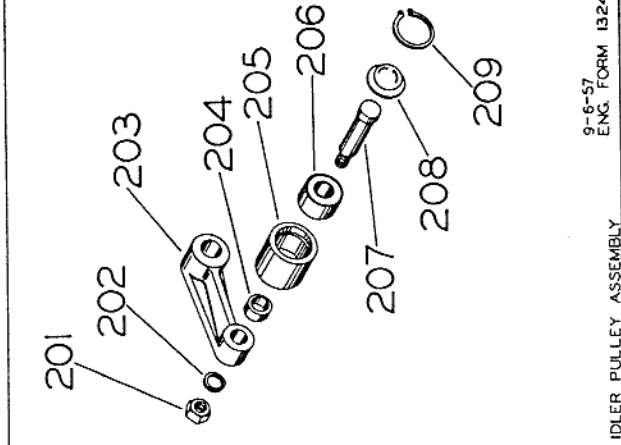
TERMINAL BOX ASSEMBLY



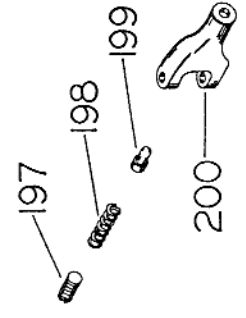
BELT GUARD CLAMP ASSEMBLY



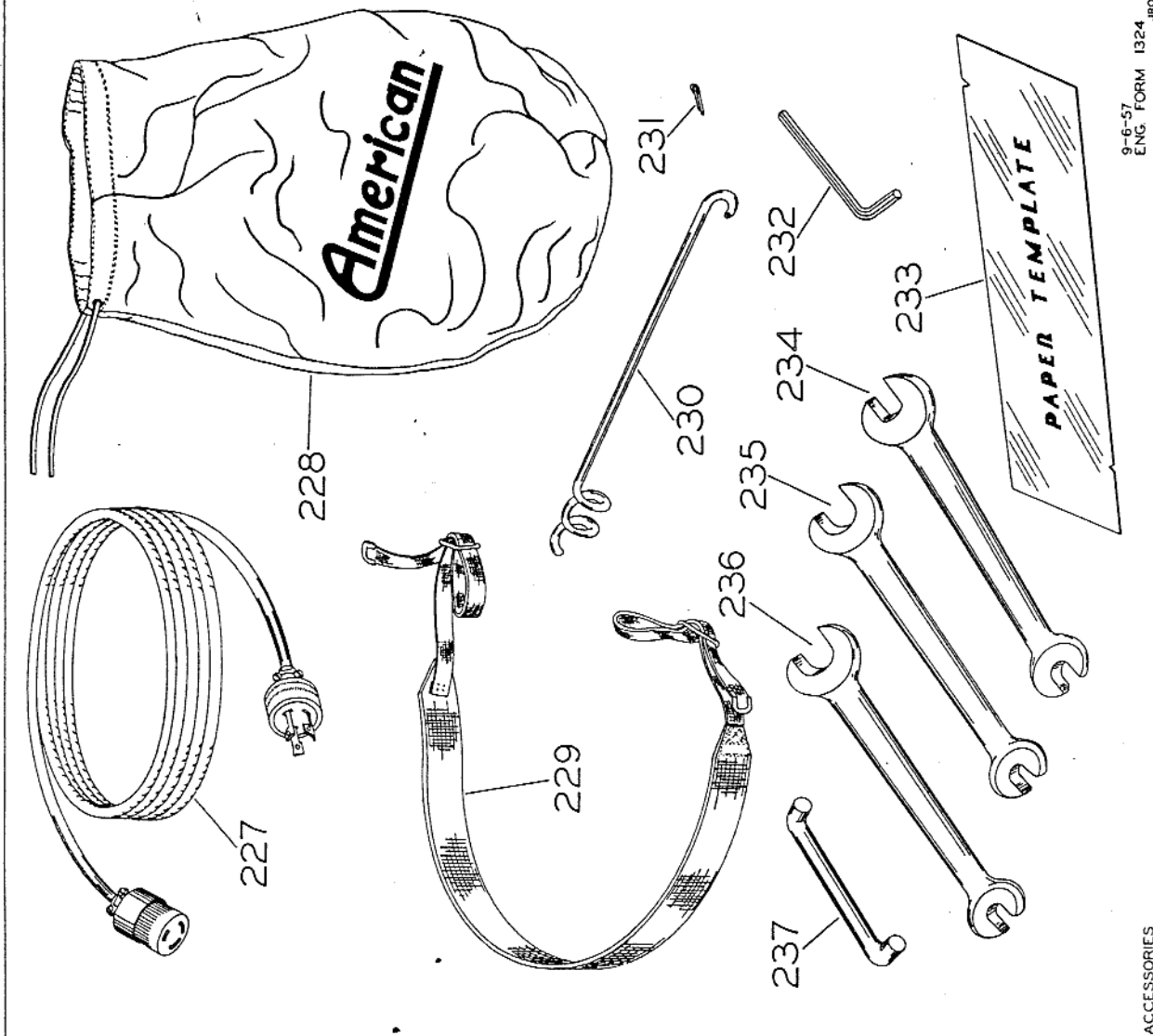
TRUCK WHEEL & BRACKET ASSEMBLY



IDLER PULLEY ASSEMBLY

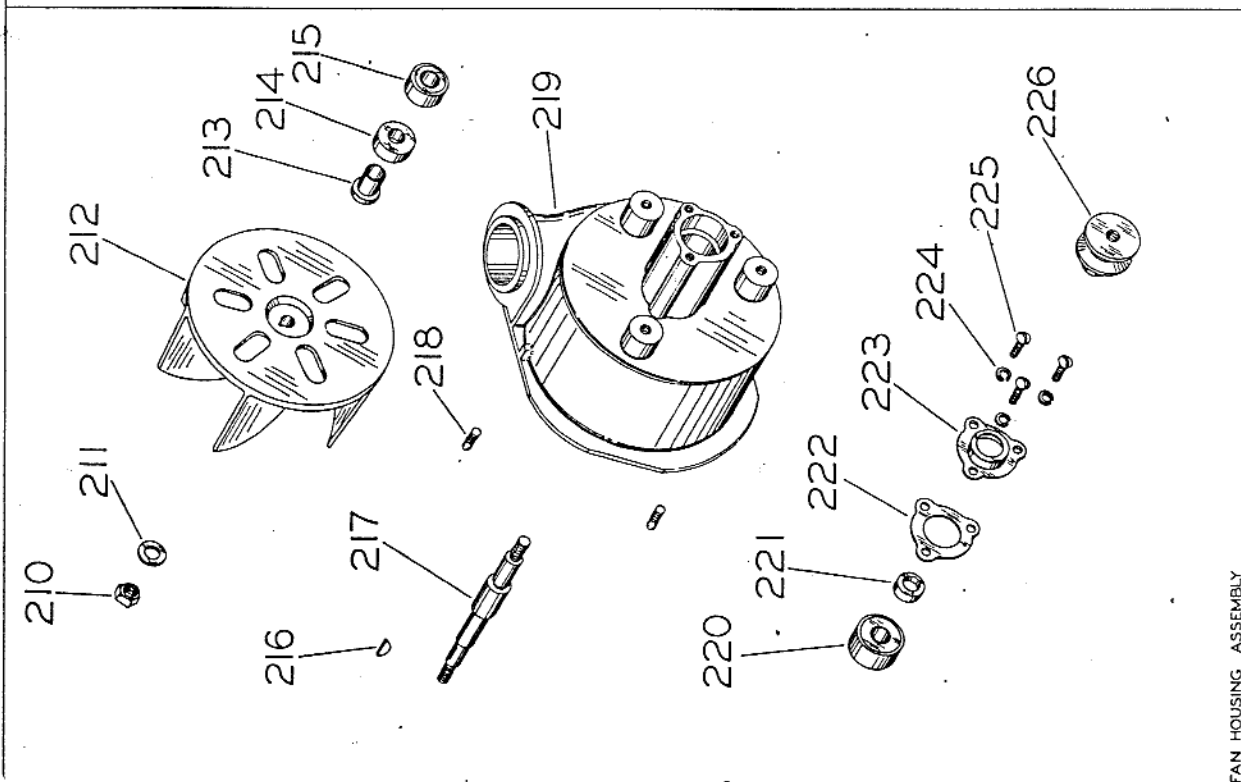


DUST PAN SPRING PLUNGER ASSEMBLY



9-6-57
ENG. FORM 1324
JRO

ACCESSORIES



FAN HOUSING ASSEMBLY