TECHNICAL MANUAL

OPERATOR'S, ORGANIZATIONAL, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE MANUAL INCLUDING REPAIR PARTS LIST FOR

SPRAY OUTFIT, UNDERCOATING, MODEL 98-1030 (BINKS MANUFACTURING CO.) (NSN 4940-00-449-6789)

HEADQUARTERS, DEPARTMENT OF THE ARMY
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DEPARTMENT OF THE ARMY
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OPERATOR'S, ORGANIZATIONAL, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE MANUAL INCLUDING REPAIR PARTS LIST FOR SPRAY OUTFIT, UNDERCOATING, MODEL 98-1030 (BINKS MANUFACTURING CO.) (NSN 4940-00-449-6789)

REPORTING OF ERRORS

You can improve this manual by recommending improvements using DA Form 2028 (Recommended Changes to Publications and Blank Forms) or DA Form 2028-2 located in the back of the manual and mail the form to Commander, US Army Armament Materiel Readiness Command, ATTN: DRSAR-MAS, Rock Island, IL 61299. A reply will be furnished direct to you.

NOTE

This manual is published for the purpose of identifying an authorized commercial manual for the use of the personnel to whom the spray outfit is issued.

Manufactured by: Binks Manufacturing Co.
9201 W. Belmont Ave.
Franklin Park, IL 60131

Procured under Contract No: DAAA09-75-M-8417

This technical manual is an authentication of the manufacturers' commercial literature and does not conform with the format and content specified in AR 310-3, military publications. This technical manual does, however, contain available information that is essential to the operation and maintenance of the equipment.

MODEL 98-1030 UNDERCOATING SPRAY OUTFIT

Consists of:

1 - 7E2 SPRAY GUN WITH 45 x 1/4 SPRAY NOZZLE.
1 - 72-430 FLUID GUN SWIVEL.
1 - 71-1305 AIR HOSE ASSEM. (AIR ATOMIZING), 3/8" I.D. x 25' LENGTH.
1 - 71-3343 FLUID HOSE ASSEM., 3/4" I.D. x 25' LENGTH
1 - 71-1305 AIR HOSE ASSEM. (AIR SUPPLY). 3/8" I.D. x 15' LENGTH.
1 - 414283 FALCON 3L PUMP, 4:1 RATIO, MOUNTED ON DRUM COVER WITH DOUBLE AIR CONTROL.

MINIMUM AIR SUPPLY REQUIREMENTS: 20 CFM at 100 PSI

LUBRICATION SCHEDULE

SPRAY GUN:
MONTHLY

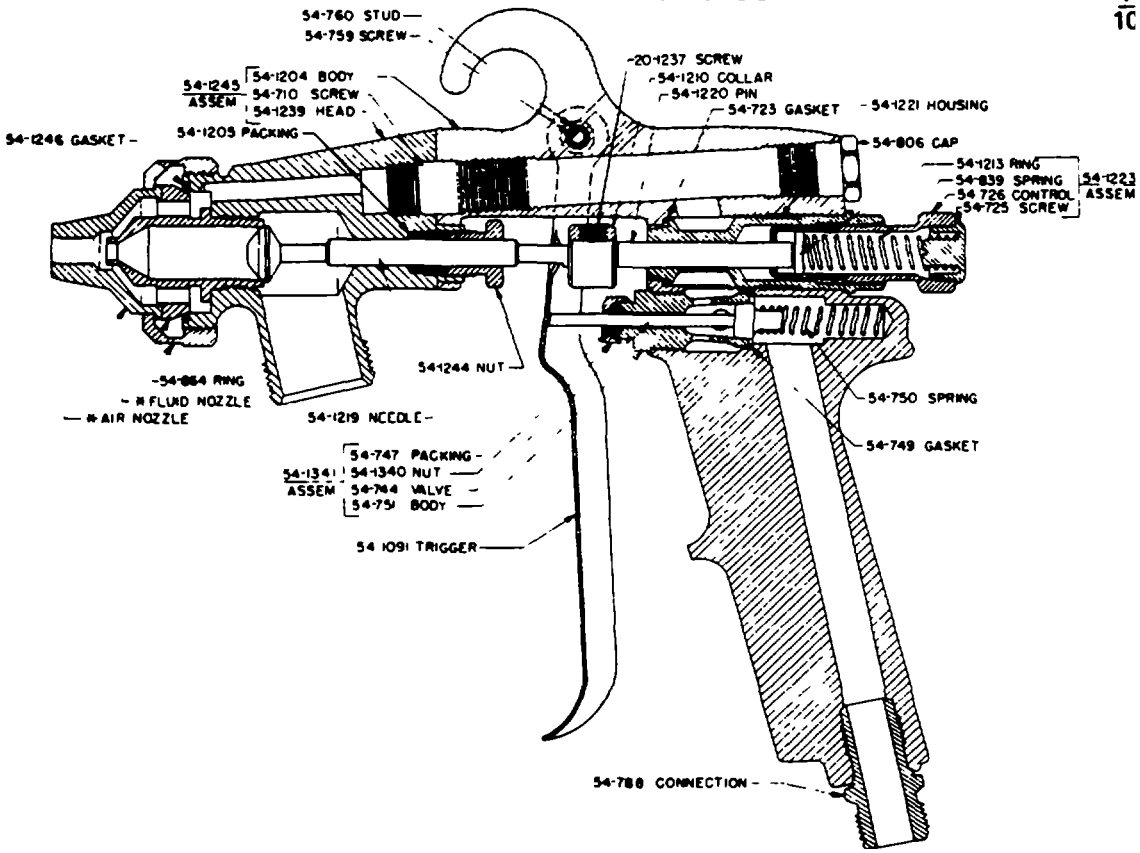
Insert a few drops of oil on air valve stem and fluid needle to lubricate packings

PUMP AIR MOTOR:
EVERY 100 HOURS OF OPERATION

Place a few drops of oil into the air Inlet. Run pump at a very slow speed with no load for approximately 2 minutes to lubricate internal parts.

MODEL 7E2 SPRAY GUN

1
10



PARTS LIST

PART NO.	DESCRIPTION	QTY.	PART NO.	DESCRIPTION	QTY
*	AIR NOZZLE	1	54-839	FLUID CONTROL SPRING	1
*	FLUID NOZZEL	1	54-864	RETAINER RING	1
5-32	GUN WRENCH	1	54-1091	TRIGGER. FOUR FINGER	1
20-1237	1/4-*20* x 1/4 SOC HD SET SCREW	1	54-1204	GUNBODY	1
20-2002	1/8 HEX ALLEN WRENCH	1	54-1205	NEEDLE VALVE PACKING	1
54-710	SCREW	1	54-1210	NEEDLE COLLAR	1
54-723	FLUID CONTROL GASKET	1	54-1213	RING	1
54-725	SPRING RETAINER SCREW	1	54-1219	NEEDLE	1
54-726	FLUID CONTROL BODY	1	54-1220	NEEDLE PIN	1
54-744	AIR VALVE STEM	1	54-1221	FLUID CONTROL HOUSING	1
54-747	AIR VALVE PACKING	1	54-1223	FLUID CONTROL SCREW ASSEM	1
54-749	AIR VALVE GASKET	1	54-1239	GUN HEAD,	1
54-750	AIR VALVE SPRING	1	54-1244	PACKING NUT	1
54-751	AIR VALVE BODY	1	54-1245	GUN BODY ASSEMBLY	1
54-759	TRIGGER SCREW.	1	54-1246	FLUID NOZZLE GASKET	1
54-760	TRIGGER STUD	1	54-1340	AIR VLAVE PACKING NUT	1
54-788	AIR CONNECTION. .	1	54-1341	AIR VALVE ASSEMBLY.	1
54806	CAP	1	82-221	CLEANING BRUSH	1

* BE SURE TO SPECIFY NUMBER STAMPED ON AIR NOZZLE AND FLUID NOZZLE. OR SEE NOZZLE SELECTION CHART ON REVERSE SIDE OF SHEET

Replaces Part Sheet	Part Sheet
1341R-2	1341R-3