

ISSUE DATE:	8/12/2024
ISSUED BY:	BRAD B.
DISTRIBUTION TYPE:	ALL
DISTRIBUTION DATE:	8/21/2024
URGENCY:	LOW

EQUIPMENT LINE:	BARGUN
MODEL(S):	MARK 4 and MARK 5
SN RANGE:	N/A
DATE OF CHANGE:	N/A
CHANGE TYPE:	MAINTENANCE

BULLETIN TITLE:	LUBRICATION SPECIFICATIONS
DOC NUMBER:	WB-TFN24233

DESCRIPTION OF NOTICE: PROVIDE GUIDELINES ON LUBRICATION OF VALVE STEM O-RINGS.

REASON FOR NOTICE: WHEN THERE IS INSUFFICIENT LUBRICATION BETWEEN THE VALVE STEM AND THE O-RING, THE VALVE CAN REMAIN STUCK IN THE OPEN POSITION, CAUSING CONSTANT FLOW FROM THE NOZZLE. MAINTAINING THE NEEDED LEVEL OF LUBRICATION SHOULD BE CONSIDERED PART OF GENERAL MAINTENANCE ON THE BARGUN.

POSSIBLE CAUSES OF LUBRICATION BREAKDOWN INCLUDE SOAKING THE BARGUN HANDLE OVERNIGHT IN WATER OR EXTENDED IDLE TIME. IT IS IMPORTANT TO NOTE THAT MANY GUNS WILL BE STORED FOR EXTENDED LENGTHS OF TIME BETWEEN WHEN THEY ARE SHIPPED AND INSTALLED. THE MANUFACTURING DATE FOR EACH GUN IS LOCATED ON THE SERIAL NUMBER TAG PLACED ON THE TUBE COLLECTOR OF EACH GUN. IT IS RECOMMENDED THAT LUBRICATION IS APPLIED TO THE VALVE STEM O-RINGS ON ANY NEW GUN THAT HAS BEEN STORED LONGER THAN 3 MONTHS.



LUBRICATION TYPE: THE LUBRICATION USED MUST BE SILICONE BASED AND RATED AS FOOD SAFE. A GREASE, RATHER THAN OIL, IS RECOMMENDED FOR INCREASED DURABILITY. MOLYKOTE 111 IS THE FACTORY RECOMMENDED LUBRICANT.

LUBRICANT APPLICATION: REMOVE THE BUTTON PACK, BUTTERFLY PLATE AND H-PLATE FROM THE TOP OF THE GUN. THE SYSTEM DOES NOT NEED TO BE DEPRESSURIZED TO DO THIS. USING A SMALL TOOL, SUCH AS A SMALL FLAT HEAD SCREWDRIVER, APPLY ENOUGH LUBRICANT TO LIGHTLY COVER BOTH THE O-RING AND VALVE STEM FOR EACH VALVE. ON REASSEMBLY, SECURE THE BUTTERFLY PLATE SCREWS ONLY ENOUGH TO KEEP THE PLATES IN PLACE. AVOID OVER TIGHTENING, AS THIS MAY LEAD TO BUTTON STICKING OR DAMAGE TO THE HANDLE. COMPLETELY REASSEMBLE HANDLE AND TEST THE VALVE OPERATIONS.

