



Energy products

Service Bulletin

Servo Seals

Fuel Sense Operated Systems

F352 and F353 Series Valves

Meggitt Control Systems

Our product competencies & services:
Aerospace valves | Thermal management solutions | Environmental control systems | Electro-mechanical products
Ground fuelling products | Energy products | Aftermarket services

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smart engineering for
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1. Planning Information

A. Effectivity

This service bulletin is applicable to Meggitt Fuelling Products Series F352 and F353 Hydrant Valves incorporating the “F” Modification. This service bulletin is only applicable if the hydrant valve is installed in a system which is being modified to use regulated fuel pressure sense instead of regulated air pressure over fuel sense.

B. Reason

The packing used in the pilot valve of the hydrant valve is not compatible with fuel in a dynamic situation. If the packing is not replaced, the packing will swell and this may result in a “no pump” or “hot valve” condition.

C. Description

The pilot valve must be removed from the hydrant valve and disassembled to permit replacement of the original packing with a new 2661058BD210 packing.

D. Material Information

NEW PART NUMBER	KEYWORD	OLD PART NUMBER	QUANTITY
2661058BD210	Packing, Preformed	2661058A210	1
Molykote 33	Lubricant (Dow Corning)	–	AR

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2. Accomplishment Instructions (Refer to Figure 1)

WARNING: BEFORE PROCEEDING, THE MAINTENANCE VALVE ON THE HYDRANT VALVE MUST BE CLOSED, AND PRESSURE IN THE ADAPTER MUST BE COMPLETELY RELIEVED. FOR MAXIMUM SAFETY, DEPRESSURIZE THE UPSTREAM SYSTEM.

- A. Remove the pilot valve from the hydrant valve.
- B. Disassemble the pilot valve by pressing inward on the retainer (5) to release the ball (6).
- C. Remove the ball (6), retainer (5), the spring (3), and the piston (4) from the cylinder (1). Remove the packing (2) from packing groove of the piston.
- D. Clean and inspect the disassembled parts. Replace any defective or excessively worn parts with new parts.
- E. Lubricate the new packing (2) (2661058BD210) with Molykote 33 lubricant (Dow Corning). Install the new packing (2) in the packing groove of the piston (2).
- F. Install the piston (4), the spring (3) and the retainer (5) in the cylinder (2). Press inward on the retainer, install the ball (6), and release the retainer.
- G. Reinstall the pilot valve on the hydrant valve.