



# Product Support Bulletin 2003-009

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## Maintenance of Way ~ Work Equipment Bulletin

**DATE:** October 28, 2003

**SUBJECT:** Manifold Guard Kits – 98410178 (Machines with Pressure Filter)  
98410179 (Machines without Pressure Filters)

**RATING:**  **DIRECTIVE** (Action is required)  **ALERT** (Potential Problem)  
 **INFORMATION** (Action is optional)  **PRODUCT IMPROVEMENT** (Enhance Product)

**MACHINE MODEL(S):** 99C Spike Driver (24-volt Machines)

**SERIAL NUMBER(S):** 410201-410423

**SUMMARY:** Install Manifold Guard Kits over Hydraulic Valves mounted on manifolds. Guards are steel frame construction with Lexan® windows which allows viewing of the solenoid LED indicators.

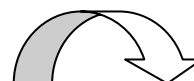
**OPERATIONAL IMPACT:** Protects valves from the weather and helps to prevent electrical failures due to moisture entering electrical connections on the valves.

**ACTION:** Guard mounting brackets are bolted to the manifolds using the manifold mounting bolts. The guards mount to the brackets and can be removed with out tools when access to the valves is required.

Two different kits are available: **98410178** for machines with Pressure Filters and **98410179** for machines without Pressure Filters.

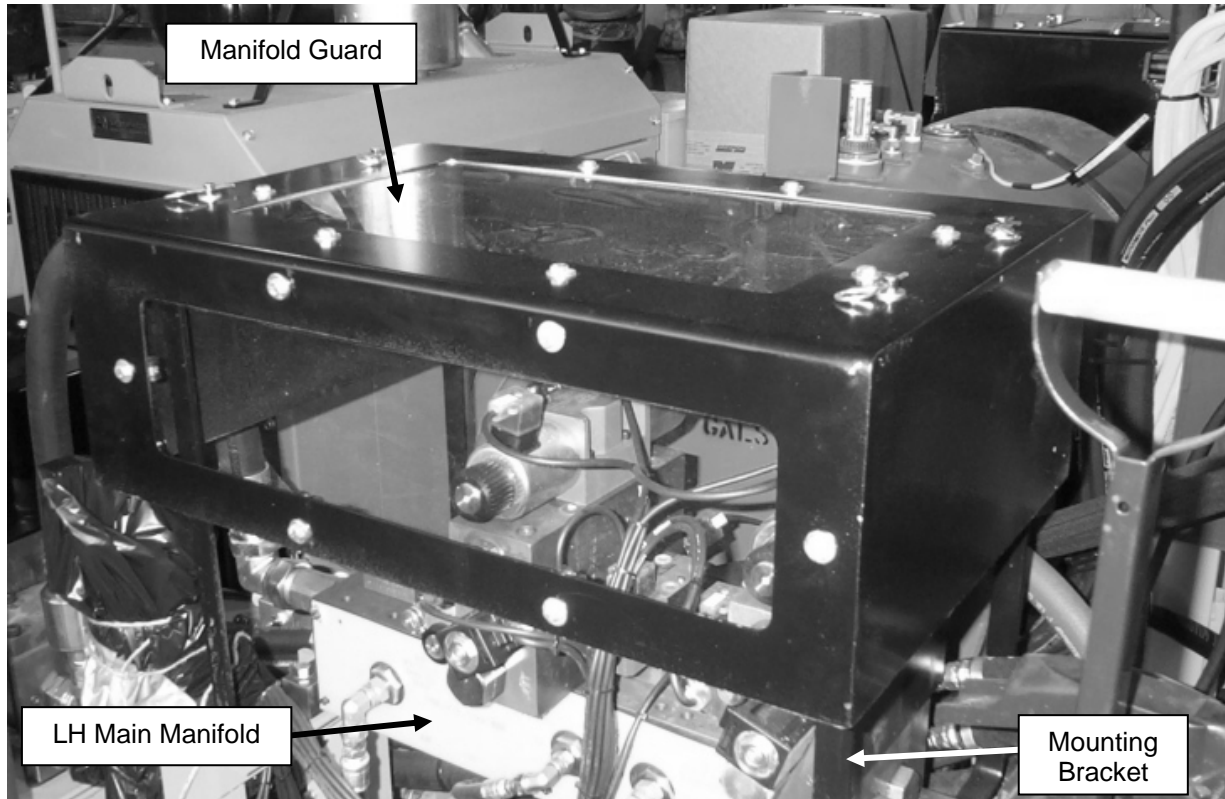
Machines with guards made entirely of Lexan® may be individually replaced with the steel-frame guards. See Page 2 for part numbers.

**WARRANTY:** None



## Typical Manifold Guard Installation

(LH Main Manifold shown – Propel and RH Main Manifold Guards are similar)



### Individual Guard Part Numbers

<b>38051705</b>	Right Hand Main Manifold
<b>38051706</b>	Left Hand Main Manifold
<b>38051707</b>	Propel Manifold (with Pressure Filter)
<b>380517XX</b>	Propel Manifold (without Pressure Filter)