



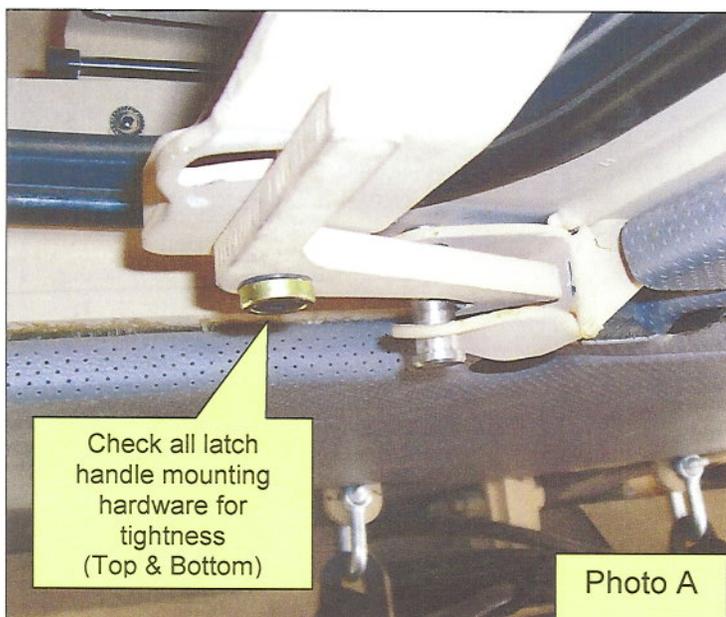
MRAP Gunners Hatch Safety OIF SB-028



Recently an MND-B Soldier was injured while performing duties as a gunner in an International model MRAP when the latching hardware securing the gunners hatch failed.

A snap ring on the pin the locking handle latches to came off (Photo B), which caused the pin to fall out. A spring then popped off the latch handle and due to vehicle momentum on a decline, the armored hatch slid forward and struck the Soldier in the legs. He suffered painful crushing injuries to both legs that resulted in two days lost time (quarters) and seven days of restricted duty.

A Product Quality Deficiency Report has been filed and the TACOM Logistics Area Representative has been informed of the problem. Until a fix is fielded, all MRAP crews should incorporate the following checks into "before" and "after" vehicle Preventive Maintenance Checks & Services to help prevent another gunner's hatch accident of this type.



HAZARDS

Gunners hatch latching handle hardware falling out

Loose Hardware from vibration

CONTROLS

Inspect all hardware in the latch handle assembly (Photo A). This includes the screw and nut that run through the center of the handle. Inspect the pin that the handle latches to for wear. Ensure that the snap ring (Photo B) that holds the pin in the bracket is serviceable & firmly seated in the groove of the pin.

Inspect hardware on all handles and latching mechanisms to ensure tightness. Tighten hardware as necessary before and after operations.