



# Product Support Bulletin 2003-012

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## Maintenance of Way ~ Work Equipment Bulletin

**DATE:** October 28, 2003

**SUBJECT:** Improved Engine Shroud Latch Kit – A100802001

**RATING:**

<input type="checkbox"/> <b>DIRECTIVE</b> (Action is required)	<input type="checkbox"/> <b>ALERT</b> (Potential Problem)
<input checked="" type="checkbox"/> <b>INFORMATION</b> (Action is optional)	<input type="checkbox"/> <b>PRODUCT IMPROVEMENT</b> (Enhance Product)

**MACHINE MODEL(S):** HC100 Tie Crane

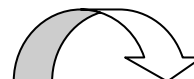
**SERIAL NUMBER(S):** All

**SUMMARY:** Replace engine shroud latch with an **Improved Engine Shroud Latch Kit, p/n A100802001**.

**OPERATIONAL IMPACT:** Installation of this kit will provide more positive latching of the Engine Shroud Doors. This will help prevent accidental opening of the doors during machine operation.

**ACTION:** The kit consists of a **Latch, p/n 8009120** and **Barrel Bolt, p/n 840052** and instructions. The Barrel Bolt secures on door to the shroud frame and the Latch secures the second door to the first door. Installation requires drilling holes for the mounting hardware and a hole to receive the Barrel Bolt. Installation should take about 2 hours.

**WARRANTY:** None



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### Improved Engine Door Latch Installation Instructions

1. Position the Latch, Item 1, 15" from bottom of door as shown on Figure 1.
2. Mark the location of the 6 holes on Item 1 and drill through door with 1/4" drill.
3. Locate the Barrel Bolt, Item 2, 1/8" from bottom of door as shown on Figure 1.
4. Mark and drill (4) holes for the Barrel Bolt, Item 2, with 1/4" drill.
5. Install Latch, Item 1, with the supplied hardware, Items 3, 4, 5 & 6.
6. Install the Barrel Bolt with the supplied hardware, Items 3, 5 & 6. Make sure the Barrel Bolt is oriented correctly. Refer to Detail on Figure 2.
7. Close the door and close the Latch. Push door as far as it will go so it is resting against the rubber stoppers on the shroud frame.
8. Extend Barrel Bolt so it makes contact with machine's upper deck.
9. Mark contact area between bolt and upper deck.
10. Drill 1/2" hole, 3/4" deep in upper deck at the marked location.
11. Make sure bolt slides freely up and down.
12. Install a lock through hole in Latch and Barrel Bolt as shown in Figure 2. Note that Barrel Bolt should be locked to prevent engine shroud doors from being separated if the bolt should be lifted.
13. If desired, remove tongue "A" from each handle and tack weld at "B" to eliminate ability to rotate (refer to Figure 2). The handles may then be used for opening and closing the doors.

