

**\*RECOMMENDED SERVICE BULLETIN\*****NUMBER:** SB13-09**REVISION:** 00**DATE:** November 21, 2013**SUBJECT:** INSTALLATION OF HOBBS DISABLE PLACARDS**EFFECTIVITY:**

KODIAK® 100 Series Aircraft Serial Numbers: 100-0072 through 100-0114

**SUMMARY:**

The accompanying Field Service Instruction provides instruction for applying a placard to the aircraft. The placard instructs maintenance personnel to pull the BAT BUS circuit breaker to disable the Hobbs flight timer while the aircraft is on jacks. Service Kit FSI-081 is available for purchase through Quest Customer Service for \$55.33 (price subject to change).

**COMPLIANCE:**

Quest recommends this Service Bulletin be complied with on or before the next 100 Hour Inspection or Annual Inspection, whichever comes first.

**ATTACHED DOCUMENTS:**

Document #:	Document Title:
FSI-081	INSTALLATION OF HOBBS DISABLE PLACARDS

**FAA APPROVAL STATUS:**

The instructions attached to this Service Bulletin have demonstrated compliance with all applicable Federal Aviation Regulations and are approved by the Federal Aviation Administration.

**CREDIT AND WARRANTY INFORMATION:**

N/A

**Quest Customer Service****Service Bulletin: SB13-09****Phone: (208)263-1111 Toll Free: 1(866)263-1112****Email: [Customerservice@questaircraft.com](mailto:Customerservice@questaircraft.com)****SPECIAL INSTRUCTIONS:**

N/A



# FIELD SERVICE INSTRUCTION

TITLE: Installation of Hobbs Disable Placards  
SERIAL RANGE: 100-0072 thru 100-0114

JASC CODE: 1100

PAGE: 1 of 10  
REPORT NO.: FSI-081  
REVISION: 00

## SUBJECT

This Field Service Instruction provides instruction for applying a placard to the aircraft. The placard instructs maintenance personnel to pull the BAT BUS circuit breaker to disable the Hobbs flight timer while the aircraft is on jacks.

## AFFECTED MANUALS AND PUBLICATIONS

None

## INDUSTRY REFERENCES

None

## WEIGHT AND BALANCE

Negligible

## MANPOWER

The estimated man-hours and minimum number of persons required to perform this Field Service Instruction are listed below. The "Minimum Persons" refers only to maintenance personnel or installers, and unless otherwise specified within this instruction does not include additional personnel that may be needed solely to comply with safety requirements (for example, safety observers that are not performing tasks within this instruction). It is the responsibility of maintenance personnel to comply with safety requirements, including having a safety observer available as needed.

**Estimated Man-hours: 1 hours**

**Minimum Persons: 1 person**

If more than the minimum personnel perform this instruction, the actual man-hours required may be reduced due to increased efficiencies. As appropriate, Quest encourages the use of additional personnel; man-hour estimates are based on the minimum personnel required.

## RECORD OF COMPLETION

- Update the appropriate maintenance log books
- Ensure the *KODIAK<sup>®</sup> 100 Aircraft Maintenance Manual* is up-to-date with the current revision (Rev 13 or later)

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## ▲ DISCLAIMER ▲

*The instructions / procedures presented herein are based upon the systems and components of the aircraft when it was delivered from the factory, or as modified by Quest Service Bulletins. Third-party modifications that have affected any component, system, or operating characteristic discussed by this document may invalidate the instructions / procedures provided. Before performing the instructions / procedures herein, examine all Supplemental Type Certificate (STC), Supplemental Type Authority (STA), or equivalently authorized modifications to verify that the instructions/procedures presented in this document can be properly completed. If an aircraft has an STC, STA, or equivalently authorized modification that affects any component, system, or operating characteristic also affected by this document, the operator is responsible for obtaining appropriate regulatory approval before performing the instructions / procedures herein. Quest Aircraft Company cannot be responsible for the quality of work performed in accomplishing the requirements of this document.*

*If you have any questions as to the applicability of this document to your specific aircraft, contact Quest Customer Service by telephone at (208) 263-1111, toll-free at (866) 263-1112, or via email at [CustomerService@QuestAircraft.com](mailto:CustomerService@QuestAircraft.com)*



# FIELD SERVICE INSTRUCTION

TITLE: Installation of Hobbs Disable Placards

SERIAL RANGE: 100-0072 thru 100-0114

JASC CODE: 1100

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## REVISION RECORD

REV	PAGE	CHANGE DESCRIPTION
00	All	Initial Release



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## 1. Special Safety Instructions

### 1.1 Warnings

Failure to comply with “Warnings” contained in this instruction may result in financial loss, significant delay in the completion time, and/or serious injury to personnel.

### 1.2 Cautions

Failure to comply with “Cautions” contained in this instruction may result in the destruction of components, unnecessary complications, the need to reverse completed work, and/or delays in the completion time.

### 1.3 Notes

“Notes” are provided when additional information may lead to an increase in efficiency.

## 2. Parts, Tools, and Equipment

The following tables describe the parts, tools, and equipment necessary to successfully complete this instruction. Where applicable, reference to drawings provided with this instruction is provided.

**Table 2-1: Parts and Tools Included in the Service Kit**

Item #	Part No.	Qty	Description	Drawing No.	Dwg Item #
2-1-1	100-910-0042	2	Placard, Cargo Pod Installed, Hobbs-Disable	N/A	N/A
2-1-2	100-910-0014	3	Placard, Hobbs-Disable	N/A	N/A

**Table 2-2: Consumables Included in the Service Kit**

Item #	Part No.	Qty	Description	Drawing No.	Dwg Item #
2-2-1	N/A	-	N/A	N/A	N/A

**Table 2-3: Serial-Number-Specific Parts Included in the Service Kit**

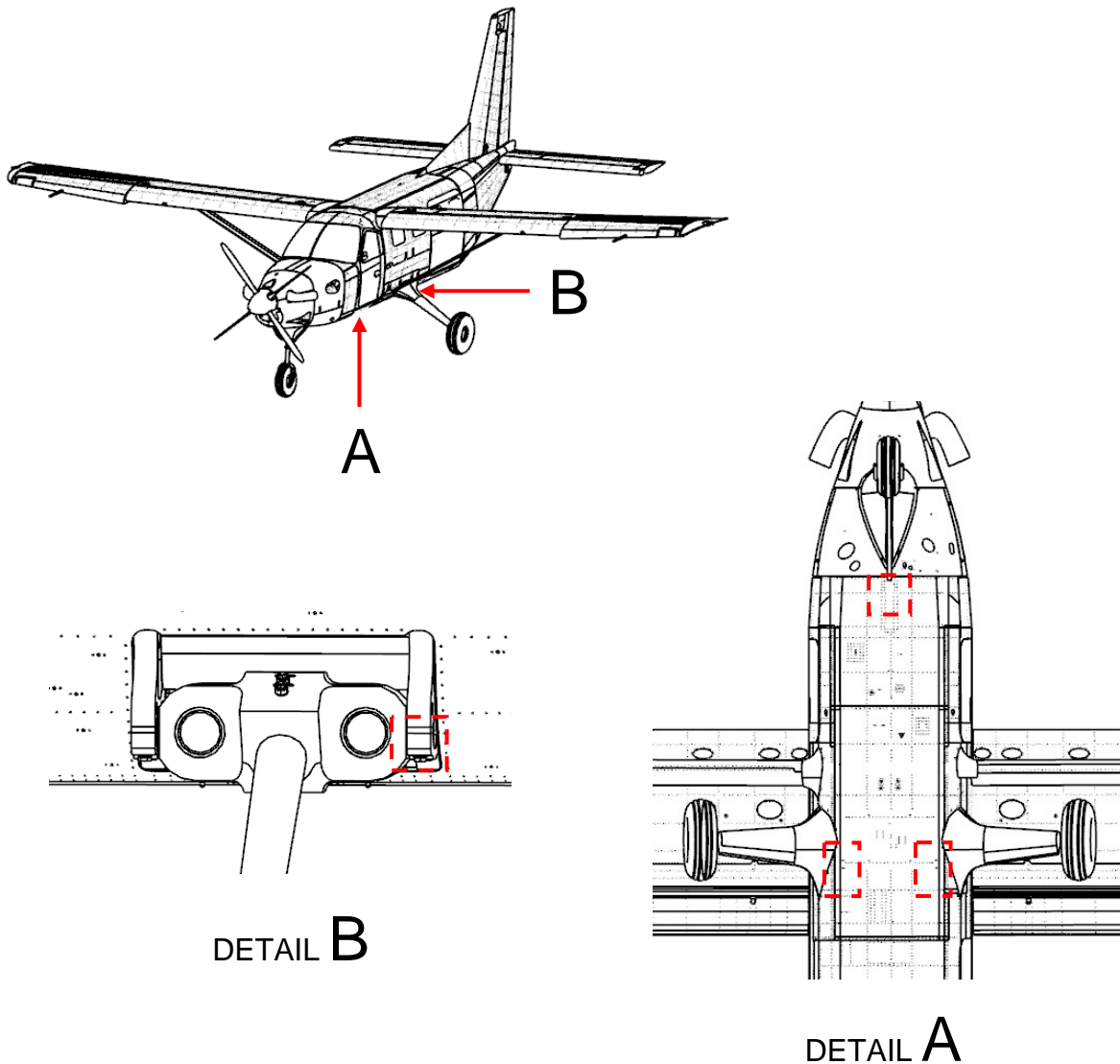
Item #	Part No.	Qty	Description	Drawing No.	Dwg Item #
2-3-1	N/A	-	N/A	N/A	N/A

**Table 2-4: Parts and Tools NOT Included in the Service Kit**

Item #	Part No.	Qty	Description	Drawing No.	Dwg Item #
2-4-1	N/A	-	N/A	N/A	N/A

### 3. General

When the airplane is jacked in accordance with the *KODIAK® 100 Airplane Maintenance Manual*, the Hobbs flight timer will increment unless the BAT BUS circuit breaker located on the inboard side of the MCU is pulled. This Field Service Instruction describes the proper placement of placards that instruct the maintenance person to pull the MCU BAT BUS circuit breaker before jacking the airplane.



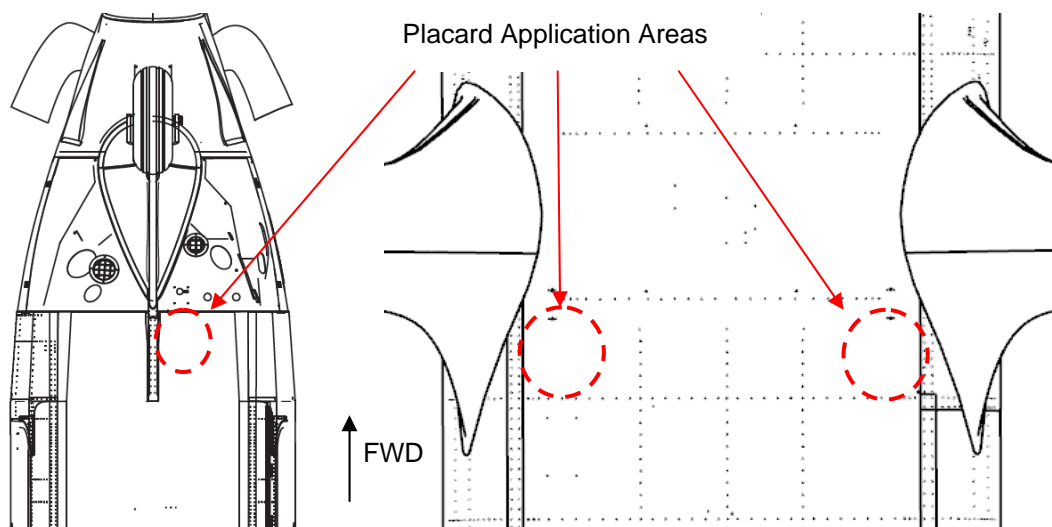
**Figure 3-1: Placard Placement Overview**

#### 4. Preparation

When cleaning the skin of the airplane before applying a placard, refer to the *KODIAK 100<sup>®</sup> Airplane Maintenance Manual*, Chapter 20 “External Painted Surface Cleaning.”

##### 4.1 For Airplanes Without a Cargo Pod

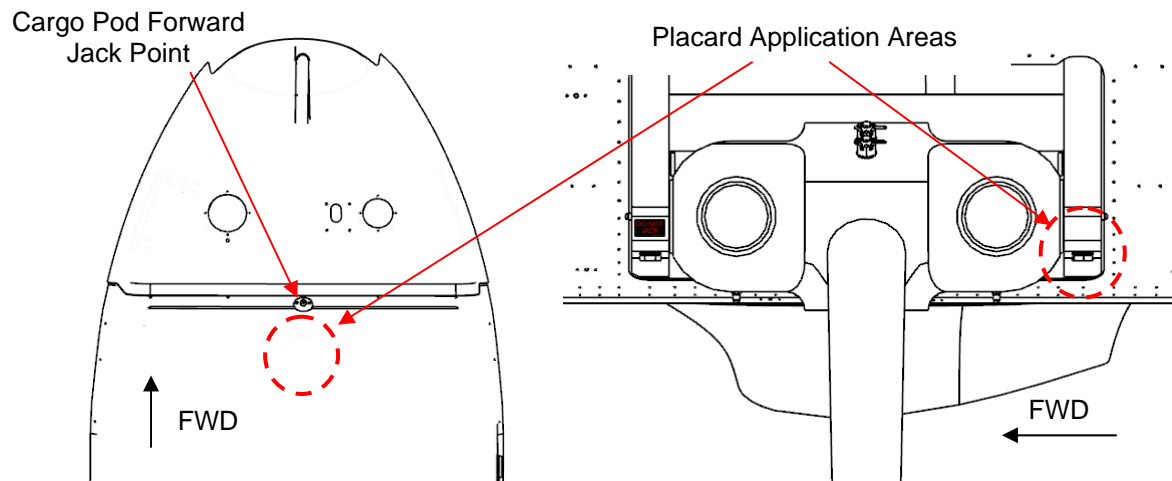
Clean the skin of the airplane at the three (3) placard application areas shown in **Figure 4-1** to ensure the skin at the application point is free of any contaminants that would prevent complete adhesion of the placard.



**Figure 4-1: Surface Preparation (Without Cargo Pod)**

## 4.2 For Airplanes With a Cargo Pod

1. Remove the main landing gear fairing on both sides of the airplane in accordance with the *KODIAK<sup>®</sup> 100 Airplane Maintenance Manual*, Chapter 32.
2. Clean the aft-outward face of the main landing gear frame, on both sides, to remove any contaminants that would prevent complete adhesion of the placard. Refer to **Figure 4-2**.
3. Clean the area of skin on the cargo pod just aft of the forward jack point to ensure the skin at the placard application point is free of any contaminants that would prevent complete adhesion of the placard. Refer to **Figure 4-2**.



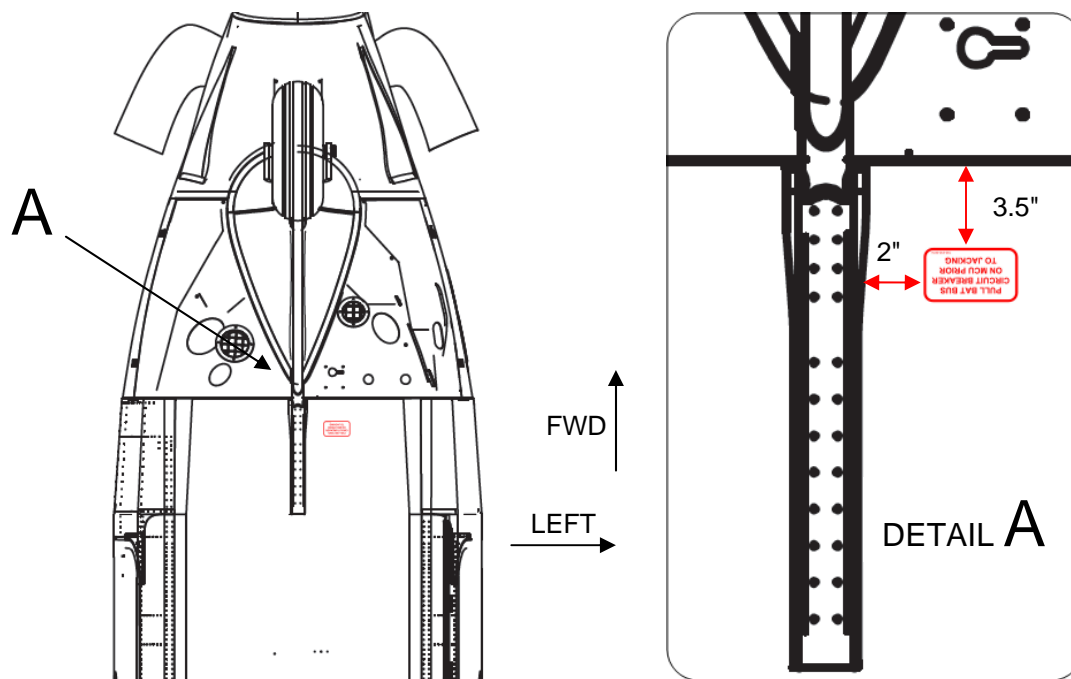
**Figure 4-2: Surface Preparation (With Cargo Pod)**



## 5. Instructions

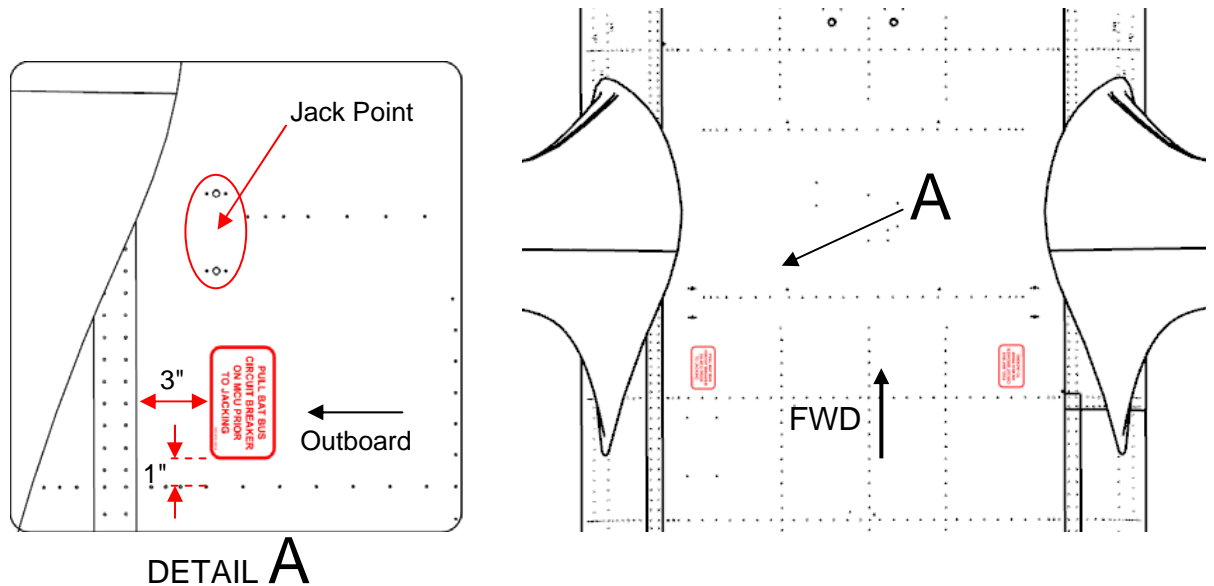
### 5.1 For Airplanes Without a Cargo Pod

1. Remove the protective backing on a placard (P/N 100-910-0014) and apply the placard to the airplane skin, just left and aft of the forward jack point, positioned and oriented as shown in **Figure 5-1**.



**Figure 5-1: Placard Placement - Nose Jack Point (Without Cargo Pod)**

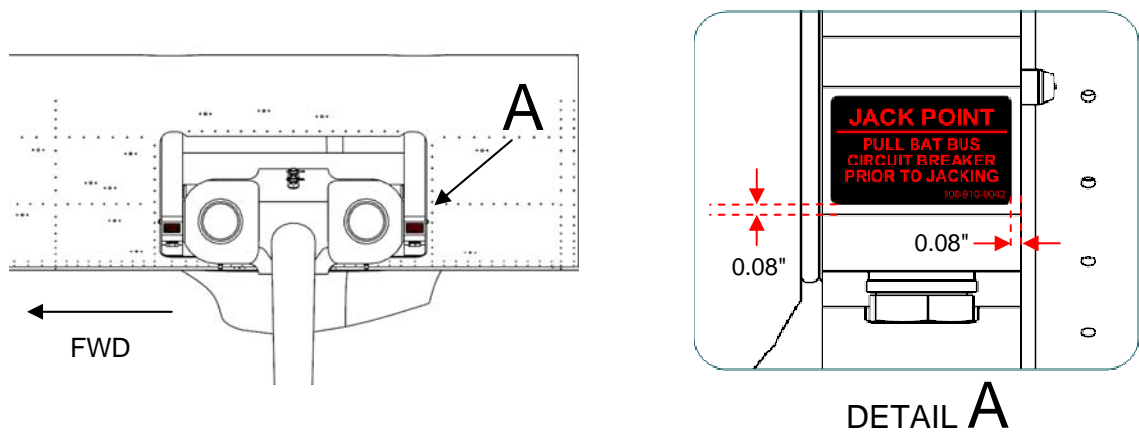
- Remove the protective backing on the two placards (P/N 100-910-0014) and apply the placards to the belly of the airplane, positioned and oriented as shown in **Figure 5-2**.



**Figure 5-2: Placard Placement – Fuselage Jack Points (Without Cargo Pod)**

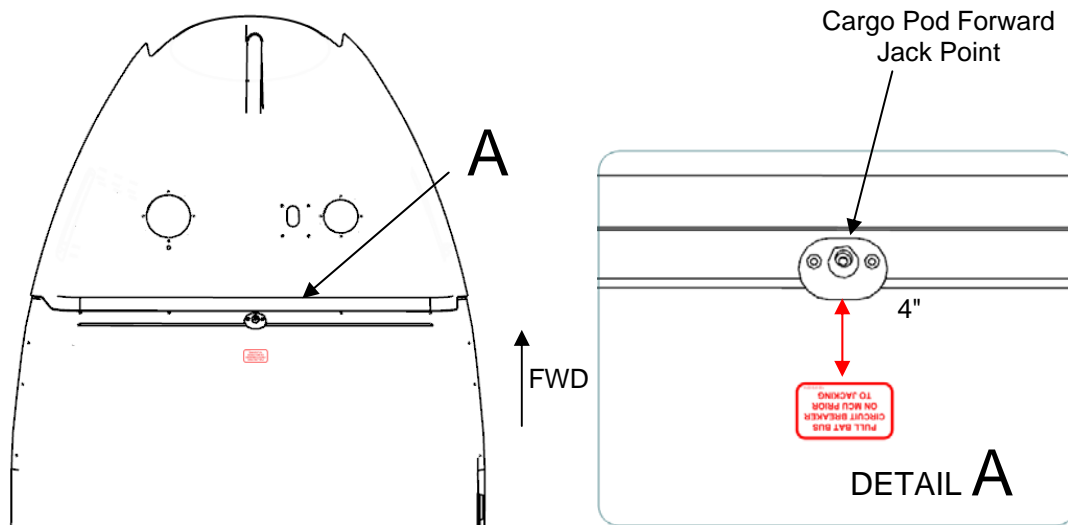
## 5.2 For Airplanes With a Cargo Pod

- Remove the protective backing on the two (2) placards (P/N 100-910-0042) and apply the placards to the left and right side, aft-outward face of the main landing gear frame as shown in **Figure 5-3**.



**Figure 5-3: Placard Placement – Fuselage Jack Point (With Cargo Pod)**

2. Remove the protective backing on the placard (P/N 100-910-0014) and apply the placard to the forward jack point on the cargo pod, centered left to right and oriented, as shown in **Figure 5-4**.



**Figure 5-4: Placard Placement - Nose Jack Point (With Cargo Pod)**

## 6. Completion

1. If equipped with a cargo pod, install the main landing gear fairing on both sides of the airplane in accordance with the *KODIAK® 100 Airplane Maintenance Manual*, Chapter 32.
2. Record all work performed in the appropriate maintenance records.

---END---