



PART NO. 93-7730

INSTALLATION  
INSTRUCTIONS

## CE COMPLIANCE KIT FAIRWAY AERATOR



### SAFETY AND INSTRUCTION DECALS

THE FOLLOWING DECALS AND GUARDS ARE TO BE INSTALLED ON THE FAIRWAY AERATOR. USE THE LOCATION DESCRIPTION LISTED BELOW TO DETERMINE THE CORRECT PLACEMENT ON THE PRODUCT. BEFORE INSTALLING DECALS, REMOVE OR THOROUGHLY CLEAN THE ENGLISH DECAL, AND APPLY THE APPROPRIATE TRANSLATED LANGUAGE VERSION IN ITS PLACE (OR OVER IT).

ONLY USE DECALS THAT REPLACE EXISTING DECALS ON MACHINE.  
DISCARD UNUSED DECALS.

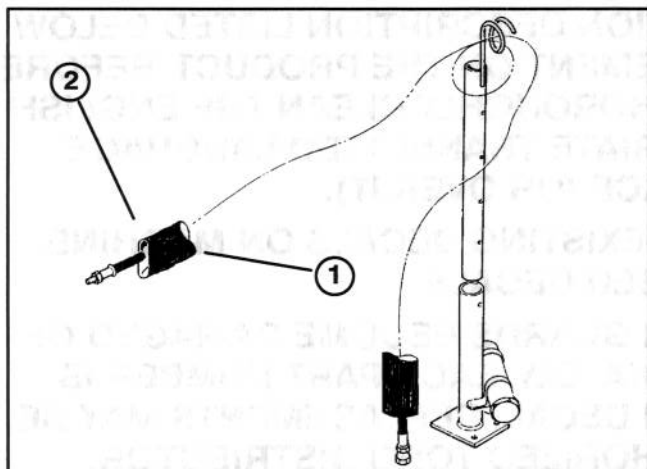
SHOULD ANY OF THESE DECALS OR GUARDS BECOME DAMAGED OR ILLEGIBLE, REPLACE THEM IMMEDIATELY. EACH PART NUMBER IS LISTED BELOW, AND ALSO ON EACH DECAL. REPLACEMENTS MAY BE ORDERED THROUGH YOUR AUTHORIZED TORO DISTRIBUTOR.

| ENGLISH PARTS DESCRIPTION | LOCATION                                           | ENGLISH PART NO.   | EUROPEAN PART NO. | QTY. |
|---------------------------|----------------------------------------------------|--------------------|-------------------|------|
| Decal<br>C.E.             | —                                                  | —                  | 93-7252           | 1    |
| Decal<br>Blank            | Front Gear Box Cover                               | 65-3090            | 93-8056           | 1    |
| Decal<br>Timing Bar       | Timing Bar                                         | 82-3220            | 93-9880           | 1    |
| Decal<br>Caution          | Transport Stand                                    | 67-5370            | 93-9881           | 2    |
| Decal<br>Warning          | Front Gear Box Cover                               | 67-5360            | 93-9883           | 1    |
| Decal<br>Danger           | Front Cross member<br>(2)<br>Coring Head Cover (2) | 59-9930            | 93-9884           | 4    |
| Decal<br>Safety           | Drive Line<br>Outer Shield                         | 92-7936<br>92-1581 | 93-9894           | 2    |
| Decal<br>Safety           | Drive line<br>Inner Shield                         | 92-7937<br>92-1582 | 93-9895           | 2    |
| Decal<br>Danger           | Drive Line Shield                                  | 82-9400            | 93-9896           | 1    |
| Decal<br>Warning          | Main Frame, Each Side                              | —                  | 94-2585           | 2    |

## INSERT LOCATION SHEET INTO OPERATOR'S MANUAL FOR OWNER'S REFERENCE.

### INSTALL PROTECTIVE SLEEVE ON HOSE

1. Raise coring head, disengage power to aerator, shift prime mover into neutral and set parking brake. Lift transport stands to full upright position and lower coring head onto stands. Stop engine. Disconnect PTO shaft and hydraulic hose from prime mover.
2. Unlatch and remove front and rear covers from aerator.
3. Slide the protective sleeve onto hydraulic hose.



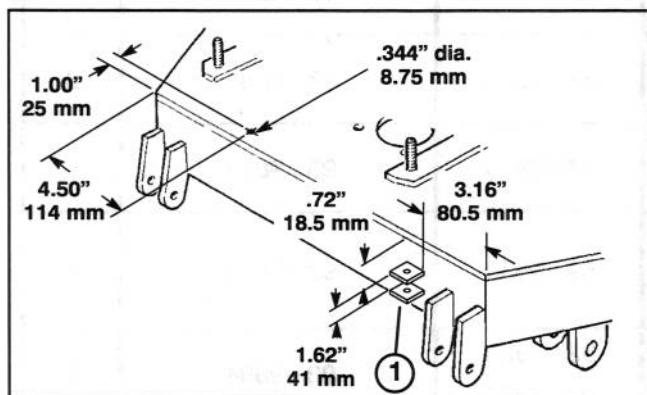
**Figure 1**

1. Protective sleeve
2. Cable tie

4. Secure each end of protective sleeve around hose fittings with a cable tie.

### MOUNT DRIVE SHAFT REST

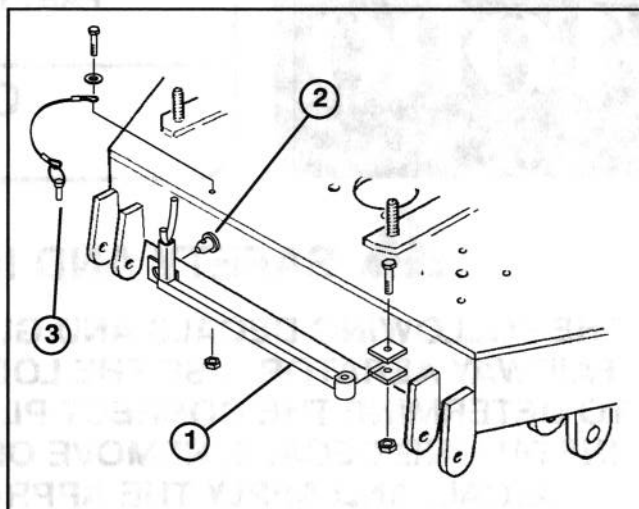
1. Using dimensions shown in figure 2, locate, mark and weld (2) tabs to front of aerator frame. Make sure weld surface is clean and free of paint.



**Figure 2**

1. Tabs

2. Secure drive shaft rest between tabs with a cap screw and locknut as shown in figure 3.
3. Pivot drive shaft rest against front of aerator frame. Use drive shaft rest as a template and mark location of hole on frame (Fig. 3).



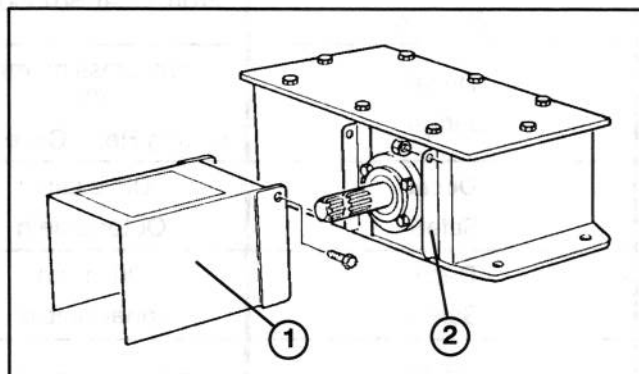
**Figure 3**

1. Drive shaft rest
2. Pin
3. Lynch pin tie

4. Weld pin to frame at location marked. Make sure weld surface is clean and free of paint.
5. Using dimensions shown in figure 2, locate, mark and drill a .344" (8.75 mm) dia. hole in top of aerator frame.
6. Mount lynch pin tie to frame with a 5/16–18 x 1" lg. cap screw, flatwasher and locknut.
7. Use drive shaft rest as follows:
  - A. When drive shaft is disconnected from prime mover, pivot drive shaft rest outward and position under drive shaft.
  - B. When drive shaft is connected to prime mover, secure drive shaft rest to pin on frame with lynch pin.

### REPLACE DRIVE LINE SHIELD

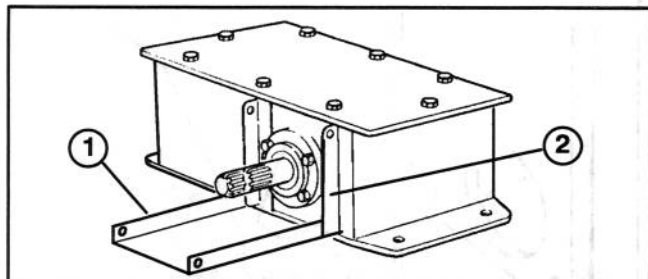
1. Remove (2) cap screws and locknuts securing drive line shield to gear case (Fig. 4). Remove and discard shield. Retain fasteners.



**Figure 4**

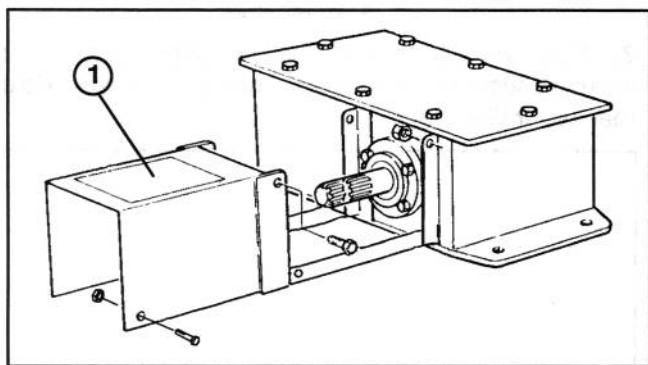
1. Drive line shield
2. Gear case

2. Position lower shield (Fig. 5) against gear case drive line shield mounting flanges. Weld shield to gear case and flanges. Make sure weld surface is clean and free of paint.



**Figure 5**  
1. Lower shield  
2. Gear case flange

3. Mount new drive line shield (Fig. 6) to gear case flanges with (2) capscrews and locknuts previously removed.

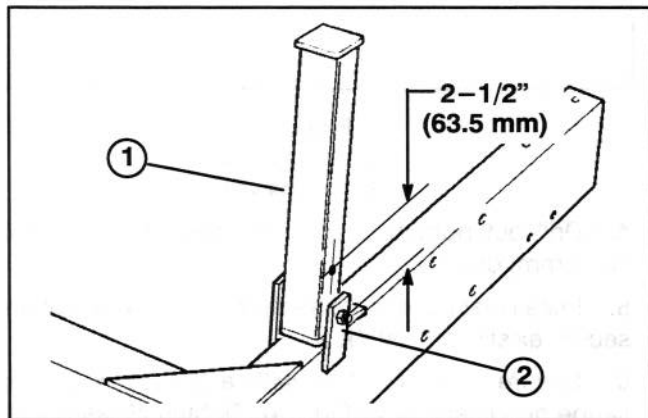


**Figure 6**  
1. Drive line shield

4. Mount front of drive line shield (Fig. 6) to lower shield with (2) 3/8-16 x 1" lg. capscrews and locknuts.

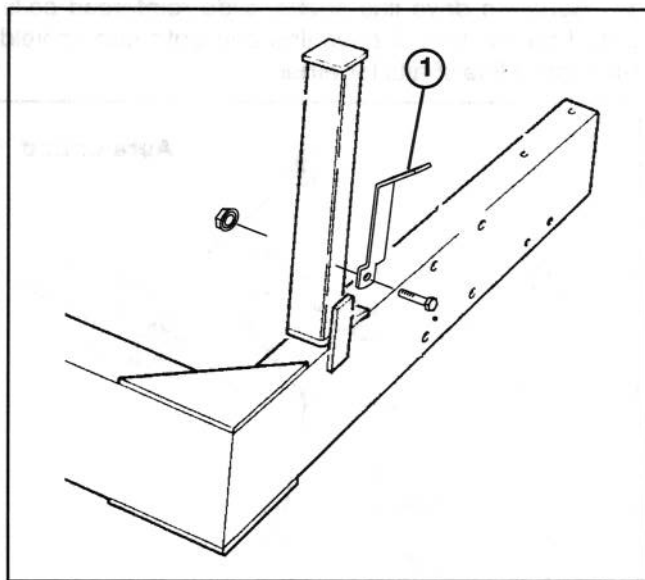
## MOUNT STOP LEVERS

1. On each transport stand, measure 2-1/2" (63.5 mm) up from center of stand pivot screw and mark location in center of stand. At location marked, drill a .406" (10.5 mm) dia. hole thru both walls of each transport stand (Fig. 7).



**Figure 7**  
1. Transport stand  
2. Pivot screw

2. Mount a stop lever to each transport stand with a 3/8-16 x 2-3/4" lg. capscrew and flange nut (Fig. 8).

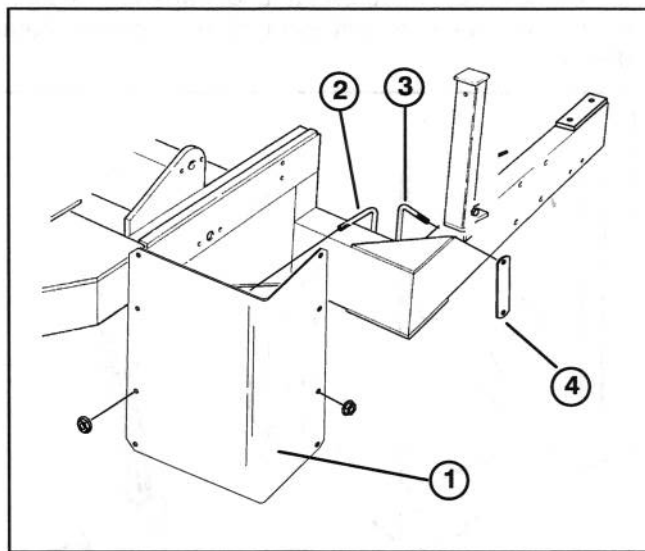


**Figure 8**  
1 Stop lever

3. With coring head in raised position, use stop levers to raise or lower transport stands.

## MOUNT GUARDS

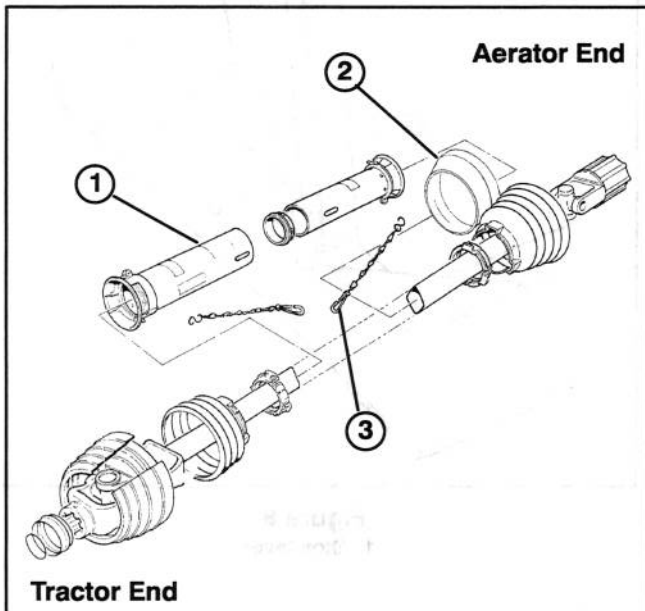
1. On each side of aerator, mount a guard to front corner of frame side rail with (2) U-bolts, a spacer plate and (2) flange nuts as shown in figure 9. Shorter U-bolts and spacer plate are used on outside rail. Spacer to be positioned between frame rail and guard.



**Figure 9**  
1. Guard  
2. U-bolt (long)  
3. U-bolt (short)  
4. Spacer plate

## UPDATE DRIVELINE

1. Separate drive line shafts, slide reinforced collar onto front section of drive line and onto cone shield. Slide drive line shafts together.

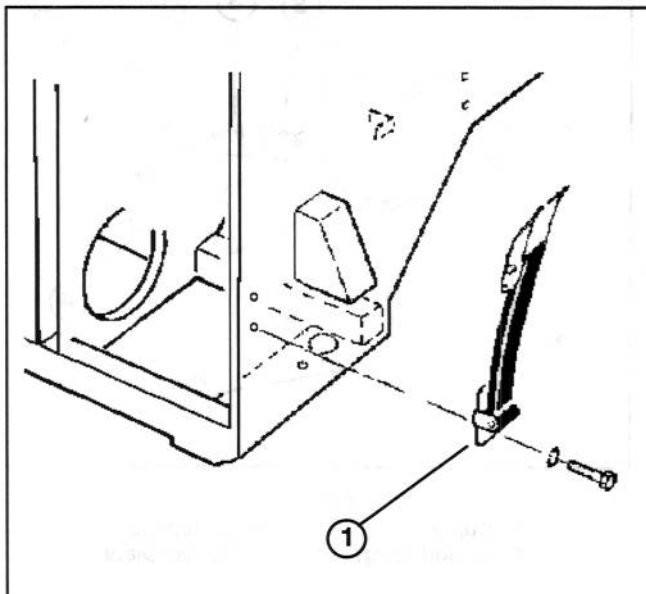


**Figure 10**  
1. Outer shield  
2. Reinforcing collar  
3. Safety chain

2. Secure link of safety chain to mounting tab on tube shield of drive line.
3. After connecting drive line to prime move, secure safety chain to front of aerator.

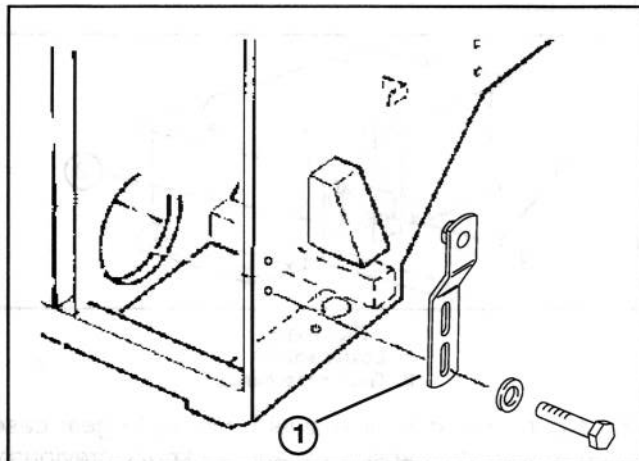
## REPLACE REAR COVER STRAPS

1. Remove (2) capscrews and lockwashers securing front cover latch to left side of rear coring frame (Fig. 11).



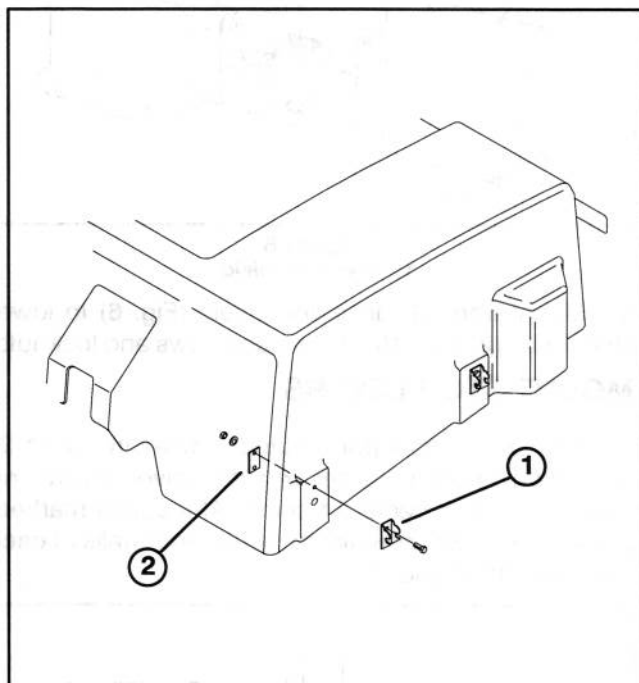
**Figure 11**  
1. Front cover latch

2. Using capscrews and lockwashers previously removed, loosely secure new cover strap to coring frame as shown in figure 12.



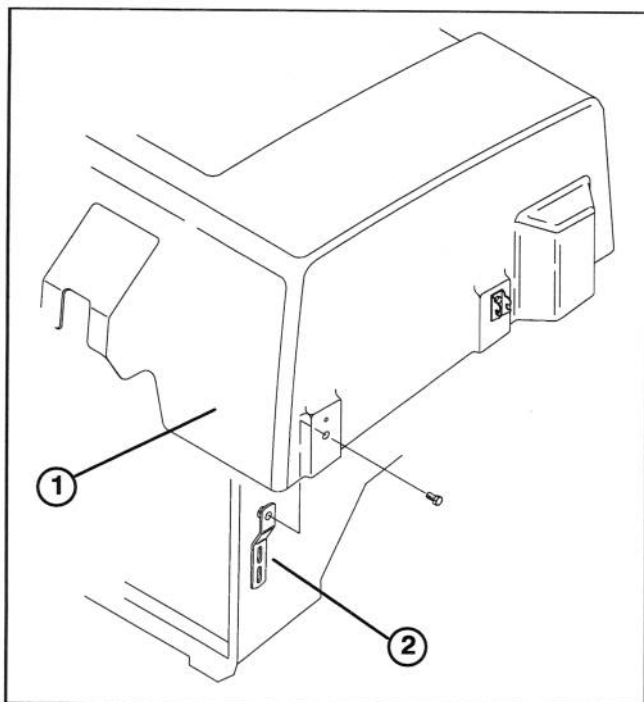
**Figure 12**  
1. Cover strap

3. Remove (2) capscrews, backing plate and locknuts securing front cover latch keeper to left side of rear cover (Fig. 13).



**Figure 13**  
1. Latch keeper  
2. Backing plate

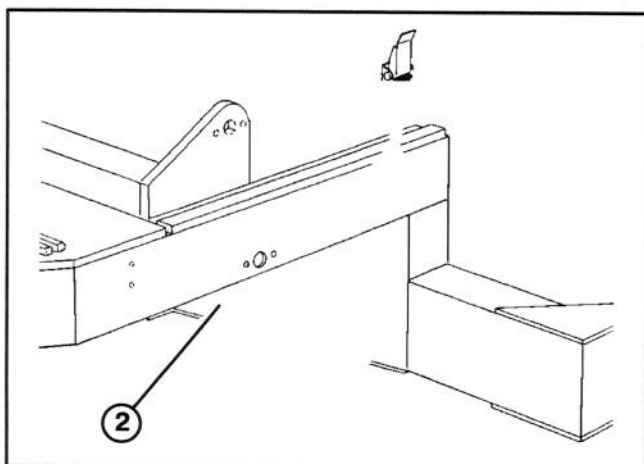
4. Drill out bottom keeper mounting hole to .406" (10.5 mm) dia.
5. Install rear cover onto aerator (over new strap) and secure existing (3) latches.
6. Secure cover to strap with a 3/8-16 x 3/4" lg. flange head capscrew (Fig. 14). Tighten all fasteners.



**Figure 14**  
1. Cover  
2. Strap

## REPLACE FRONT COVER STRAPS

1. Remove (2) capscrews securing cover guide and front cover latch to left side of aerator frame (Fig. 15).



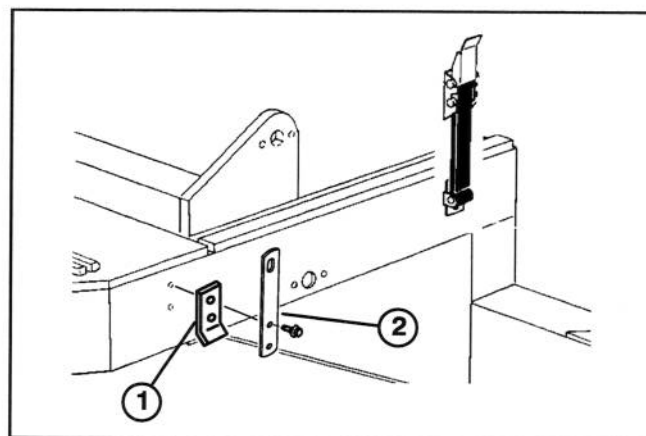
**Figure 15**  
1. Front cover latch  
2. Cover guide

2. Rotate cover guide 180° and loosely mount it and strap to frame with (2) capscrews previously removed, as shown in figure 16.

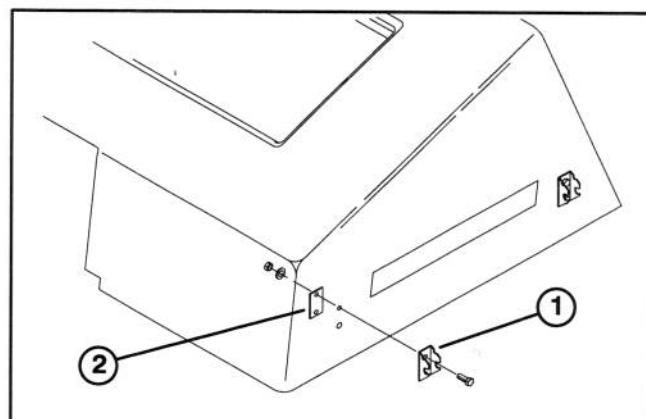
3. Remove (2) capscrews, backing plate and locknuts securing front cover latch keeper to left side of front cover (Fig. 17).

4. Drill out bottom keeper mounting hole to .406" (10.5 mm) dia.

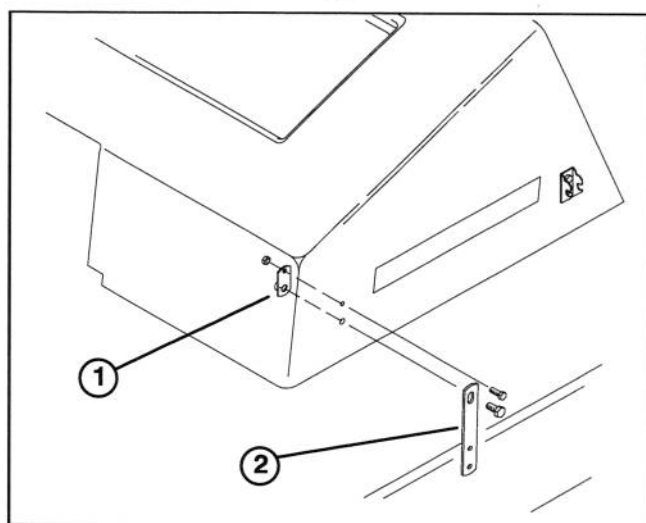
5. Using one of the capscrews and locknuts previously removed and top hole in cover, loosely secure backing plate to inside of cover as shown in figure 18.



**Figure 16**  
1. Cover guide  
2. Strap



**Figure 17**  
1. Cover latch keeper  
2. Backing plate



**Figure 18**  
1. Backing plate  
2. Strap

6. Install front cover onto aerator (behind new strap) and secure existing (3) latches.

7. Secure cover to strap and backing plate with a 3/8-16 x 3/4" lg. flange head capscrew (Fig. 18). Tighten all fasteners.

1. The first part of the report deals with the general situation of the country and the progress of the work. It is a very interesting and informative account of the work done during the year.

2. The second part of the report deals with the results of the work. It is a very detailed and accurate account of the results of the work.

3. The third part of the report deals with the conclusions of the work. It is a very clear and concise account of the conclusions of the work.

4. The fourth part of the report deals with the recommendations of the work. It is a very practical and useful account of the recommendations of the work.

5. The fifth part of the report deals with the summary of the work. It is a very brief and concise account of the summary of the work.

6. The sixth part of the report deals with the appendix. It is a very detailed and accurate account of the appendix.

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10. The tenth part of the report deals with the list of tables. It is a very clear and concise account of the list of tables.

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