Model DR4300/DR4500A
Circular Chart Recorder
Replacement Instruction

Latch and Lock Assembly (51309609-503)

Document Number
Form: 43-DR-33-66
Effective: 1/00
Supersedes: 1/99

Kit Contents
This Latch and Lock Assembly Kit contains the following parts:
• Black Latch Assembly (with Rubber Washer and Hex Nut)
• Black Lock Assembly (with Rubber Washer and Hex Nut)
• Key for Black Lock Assembly
• Star Washer for Black Lock/Latch Assemblies
• Latch Retainer for all
• Chrome Lock Assembly (with Key and Hex Nut)
• Chrome Metal Washer (for Chrome Lock)
• Plastic Adapter for Chrome Lock

Summary
The assembly kit contains all the components you need to replace/install the latch or lock assembly on the door of a DR4300 recorder, or a DR4500A Recorder manufactured after 12/31/98. Table 1 gives the installation procedures.

Component Location
Refer to Figure 1 for the component locations and Table 1 or 2 for the installation procedure.
Figure 1 – Component Location
Installation Procedure

Follow the procedure in Table 1 or 2 to install a new latch or lock assembly onto your recorder.

NOTE: There may be some disassembly required prior to performing installation procedure.

Table 1 – Black Latch or Lock Assembly Installation

<table>
<thead>
<tr>
<th>Step</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Put rubber washer on cylinder of black latch or lock, whichever is applicable.</td>
</tr>
<tr>
<td>2</td>
<td>Insert cylinder through hole from front of door.</td>
</tr>
<tr>
<td>3</td>
<td>Put star washer on.</td>
</tr>
</tbody>
</table>
| 4    | Secure with hex nut.  
For proper installation, latch/key should turn counterclockwise to open door, as viewed from front of recorder (Figure 1, Views A and B). |
| 5    | Install latch retainer as shown in Figure 2. |

Figure 2 – Latch Retainer Location
Kit Instruction, continued

Table 2 – Chrome Lock Assembly Installation

<table>
<thead>
<tr>
<th>Step</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Remove screw, lockwasher, and cam from lock assembly and lay aside.</td>
</tr>
<tr>
<td>2</td>
<td>Insert plastic adapter from rear of door into latch hole, round side facing in.</td>
</tr>
<tr>
<td>3</td>
<td>Place chrome washer on lock assembly and insert from front of door through the plastic adapter.</td>
</tr>
<tr>
<td>4</td>
<td>Secure with hex nut.</td>
</tr>
<tr>
<td>5</td>
<td>Reinstall the cam, lockwasher, and screw.</td>
</tr>
<tr>
<td>6</td>
<td>Install latch retainer.</td>
</tr>
</tbody>
</table>

Warranty/Remedy

Honeywell warrants goods of its manufacture as being free of defective materials and faulty workmanship. Contact your local sales office for warranty information. If warranted goods are returned to Honeywell during the period of coverage, Honeywell will repair or replace without charge those items it finds defective. The foregoing is Buyer’s sole remedy and is in lieu of all other warranties, expressed or implied, including those of merchantability and fitness for a particular purpose. Specifications may change without notice. The information we supply is believed to be accurate and reliable as of this printing. However, we assume no responsibility for its use.

While we provide application assistance personally, through our literature and the Honeywell web site, it is up to the customer to determine the suitability of the product in the application.