

### 5.2.1 TAPE REELS (CONT'D)

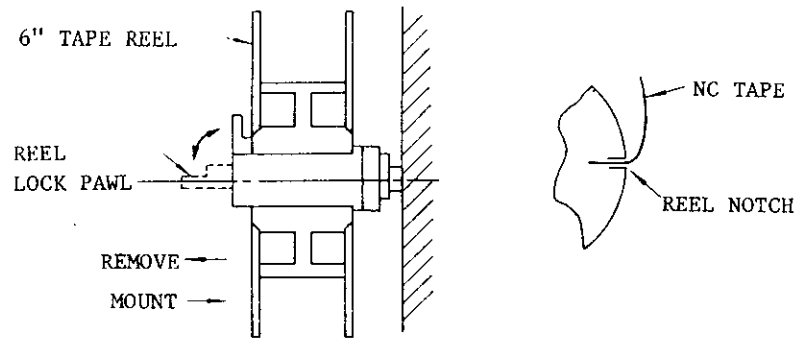


Fig. 5.4

3. Mount a reel with a tape wound on it on the right reel shaft, align the reel lock slot with the reel lock pawl, and push the lock pawl to the vertical position to lock the reel to the shaft.
4. Pull the tape approximately 1 m out of the reel, and pass it through the tape reader.
5. Wind the free end of the tape on the left reel in the same way as 1 through 3, and mount the reel on the left reel shaft. At this time, wind the tape at least 3 turns to eliminate any possibility of slipping loose.
6. Holding the reel with hand to prevent slackening of the tape, free the tension arm from the tension arm rest, and lower it gently. The broken lines in Fig. 5.2.2.1 show the correctly set tape.

Now, the tape can be moved and wound smoothly in either directions in the automatic operation mode or by the manipulation of the TAPE FEED switch.

#### NOTES:

- When dismantling the tape reel, observe the following two points.
  - (1) Hold the reel to be removed by hand, and let the tension arm be arrested by the tension arm rest.
  - (2) Push up the tape guide of the tape reading head beforehand.
- Start operation only after making sure that the reel lock pawl is engaged in the lock slot in the reel.

### 5.2.3 HANDLING 8-INCH TAPE REELS

When the tape is not in use, and when mounting and dismantling the tape, be sure to switch off the power supply switch. In this condition, the reel motor is switched off, and the reels are free.

Names and the functions of members are as follows.

- Power supply switch  
When this switch is turned on, the tape reels are ready to operate.
- Guide rollers  
They guide the tape in rewinding and in forward feeding.
- Tension arm  
In conjunction with the guide rollers, the tension arms give proper tension to the tape and eliminate slack.
- Tension arm stopper  
While no tape is mounted on the tape reader, the tension arms rest on these stoppers.
- 8" tape reel  
In a tape reel 8" in diameter, a part program tape approximately 180 m in length can be wound.
- Reel hub  
The reel hubs are mounted on the reel spindle, and serves to receive and arrest tape reels on them.