



## MCD201 Laser Pickup Assembly Tilt Adjustment

Perform this adjustment if MCD201 has a tracking or a skipping problem with some of discs.

### Disc and Tools:

- CD which creates a tracking or a skipping problem.
- Needle nose pliers.
- Small Phillips screwdriver.

1. Remove the top cover of MCD201.
2. Connect the power cord to MCD201 and press STANDBY/ON button on the front panel.
3. Load CD and find the track which creates a tracking or a skipping problem.
4. Press OPEN/CLOSE button on the front panel to open the tray.
5. There are left and right black plastic pickup shaft holders located at the back-end of mechanism. The holder has two parts. The base part is larger and it is mounted on the pickup assembly plate. The upper part is thinner and it is held on the base part by a small screw to hold down the pickup shaft. Refer to figure 1.

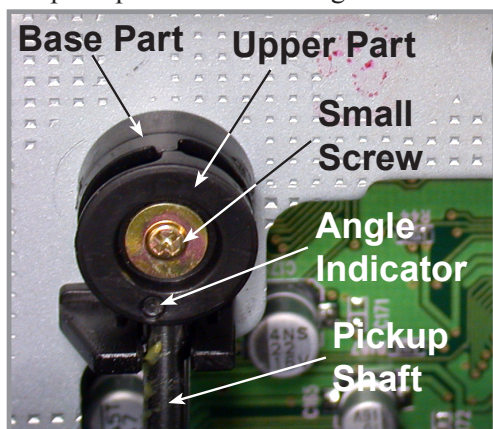


Figure 1

6. Check the location of small round angle indicator on the top of left and right holders and memorize.
7. Squeeze the right base plastic holder part by using the needle nose pliers and rotate 90 degrees counterclockwise from the current angle indicator point. Refer to figures 2 and 3. Check the small screw on top of the plastic holder by using a small Phillips screwdriver. Turn the screw lightly clockwise if it is loose.

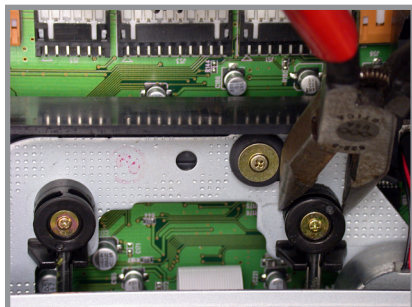


Figure 2

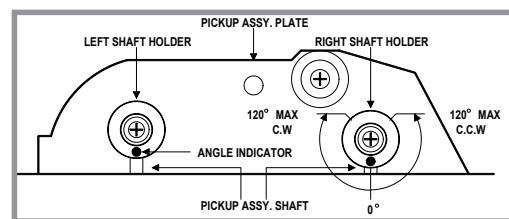


Figure 3

**Caution:** A. Do not squeeze the upper plastic holder part.  
B. Do not turn the screw driver hard, the plastic holder may be damaged.  
C. Do not rotate the plastic holder angle indicator passed the 120 degrees point from the shaft point.

8. Press OPEN/CLOSE button on the front panel and play the same track which creates a tracking or a skipping problem. If the tracking performance is improved to acceptable level, the adjustment is completed. If the tracking performance is not improved then go to step 9.
9. Press OPEN/CLOSE button on the front panel to open the tray. Squeeze the left base plastic holder part by using the needle nose pliers and rotate 90 degrees counterclockwise from the current angle indicator point. Refer to figures 3 and 4. Check the small screw on top of the plastic holder by using a small Phillips screwdriver. Turn the screw lightly clockwise if it is loose.

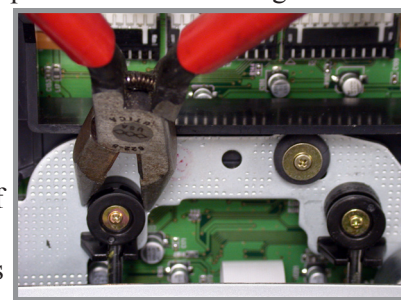


Figure 4

**Caution:** A. Do not squeeze the upper plastic holder part.  
B. Do not turn the screw driver hard, the plastic holder may be damaged.  
C. Do not rotate the plastic holder angle indicator passed the 120 degrees point from the shaft point.

10. Press OPEN/CLOSE button on the front panel and play the same track which creates a tracking or a skipping problem. If the tracking performance is improved to acceptable level, the adjustment is completed. If the tracking performance is not improved then go to step 11.
11. Press OPEN/CLOSE button on the front panel to open the tray. Rotate the right plastic holder angle indicator back to original point (clockwise).
12. Press OPEN/CLOSE button on the front panel and play the same track which creates a tracking or a skipping problem. If the tracking performance is improved to acceptable level, the adjustment is completed.