

Modifying the Rock-Ola Mechanism for use with ENCO 4-in-1 CDM-4 to CD Pro Conversion kit

modification courtesy of Jordan Amusement Co.

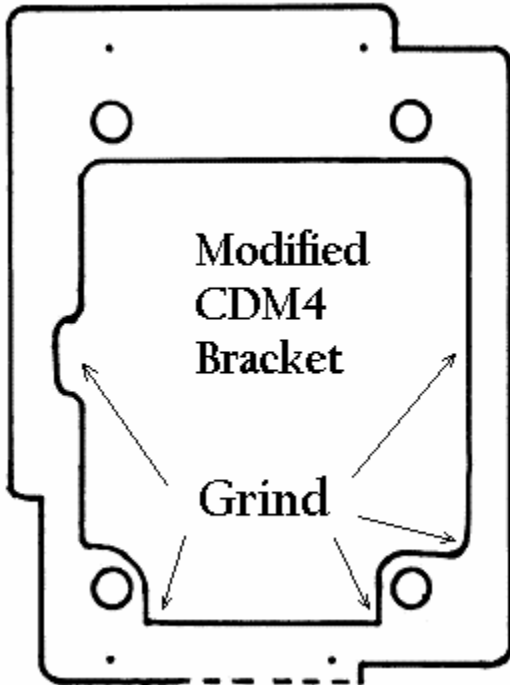
If you do not wish to purchase a new CD Lifter Bracket (p/n 57064-1a) and CD Player Mounting Bracket (p/n 57063-1A), do the following:

1. Remove the CD's from the Magazine.
2. Disconnect the Scan Switch and Main Harness from the Mechanism PCB.
3. Remove the Earth Ground from the Mechanism frame.
4. Disconnect and remove the Audio Patch Cord from the CD Interface PCB and take it out of the harness guides along the side and rear of the Mechanism.
5. Disconnect the DSA and Power from the CD Power Supply PCB.
6. Remove the Mechanism and place on work surface.
7. Loosen hex bolts mounting Magazine Motor and re-tighten with motor adjusted so as to not mesh with the Magazine Drive Gear.
8. Remove all ¼" hex screws mounting Top Chassis Assembly to the lower frame. Also remove the 5/16" hex screws at the Gripper Assembly.
9. Remove the Steel Band (it's the "belt" holding the CD's under the Magazine). This is BEST accomplished by removing the hex screws on the left side [*right side if you're facing the front*]. The magazine can be rotated by hand to allow access to the jam nuts on the inside of the frame.
10. Lift the Top Chassis Assembly and remove.
11. Disconnect the Clamper Spring.
12. Remove the Clamper Plate Assembly from the CD Lifter Bracket Assembly.
13. Remove the four (4) Phillips head screws holding the CD Player Mounting Bracket and remove it along with the CD Lifter Bracket Assembly.
14. Remove the "E" clip and washers mounting the CD Lifter Bracket Assembly to the CD Player Mounting Bracket.
15. Grind the "nut-serts" on the bottom side of the CD Lifter Bracket Assembly to a height that will only accommodate the screw after passing through the Clamper Plate.
16. Using a die-grinder, grind the CD Player Mounting Bracket to accommodate the CD-PRO player assembly without touching the player interface PCB.
17. Also grind a slot for the power connector on the far side of the player. (See illustration.)
18. At this point you may reverse the preceding steps to re-assemble the Mechanism, but I would suggest this is a superb time to service the Gripper Assembly by removing it from the frame and disassembling it. It should be completely degreased, cleaned, lubricated and re-assembled. This will ensure worry-free operation after the Universal Upgrade Kit has been installed.

Lastly, be aware that steps 15 – 17 in above procedure have saved \$52.61 plus shipping in parts and prevent skipping of the CD due to vibration against the frame. All other steps are recommended for replacing the CD Lifter Bracket Assembly (p/n 57064-1a) and CD Player Mounting Bracket (p/n 57063-1A) with the exception of servicing the Gripper Assembly.

**Modifying the Rock-Ola Mechanism for use with ENCO 4-in-1
CDM-4 to CD Pro Conversion kit**
modification courtesy of Jordan Amusement Co.

Modified bracket should appear similar to this illustration.



This illustration shows an OEM mounting plate for the CD-PRO.

