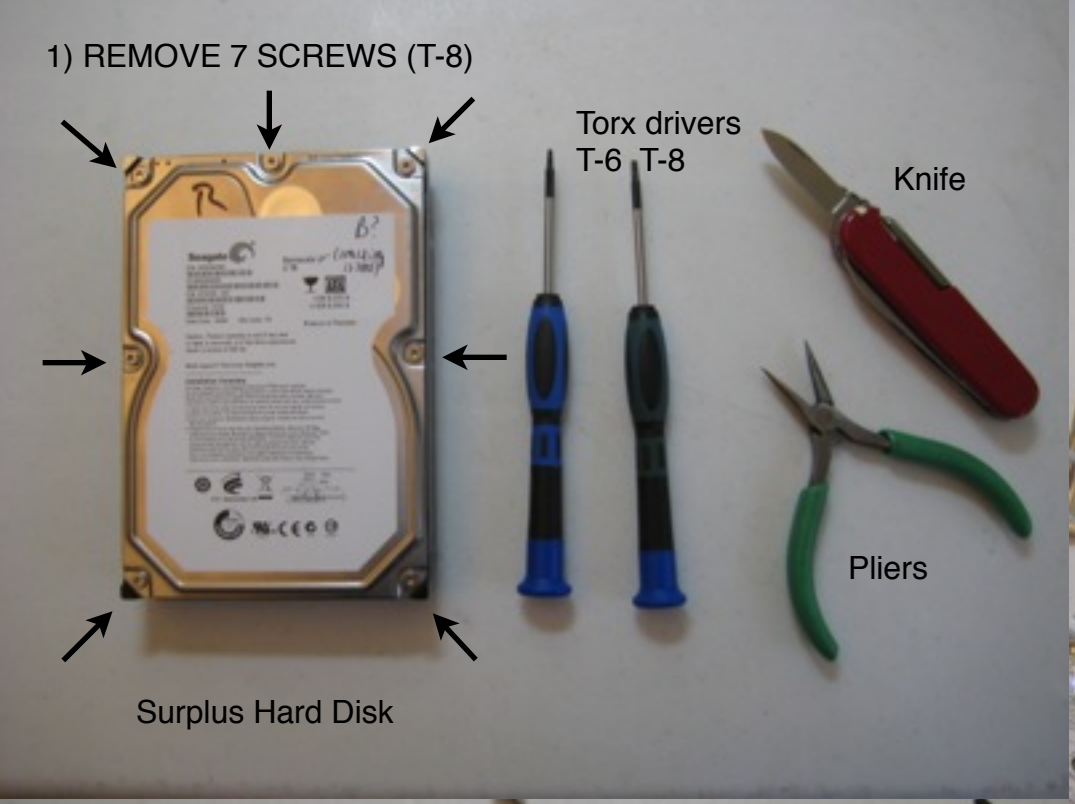
1) REMOVE 7 SCREWS (T-8)



2) PEEL FOIL AND REMOVE 3 MORE SCREWS

3) PRY LID OFF

4) REMOVE TOP MAGNET (PLIERS)

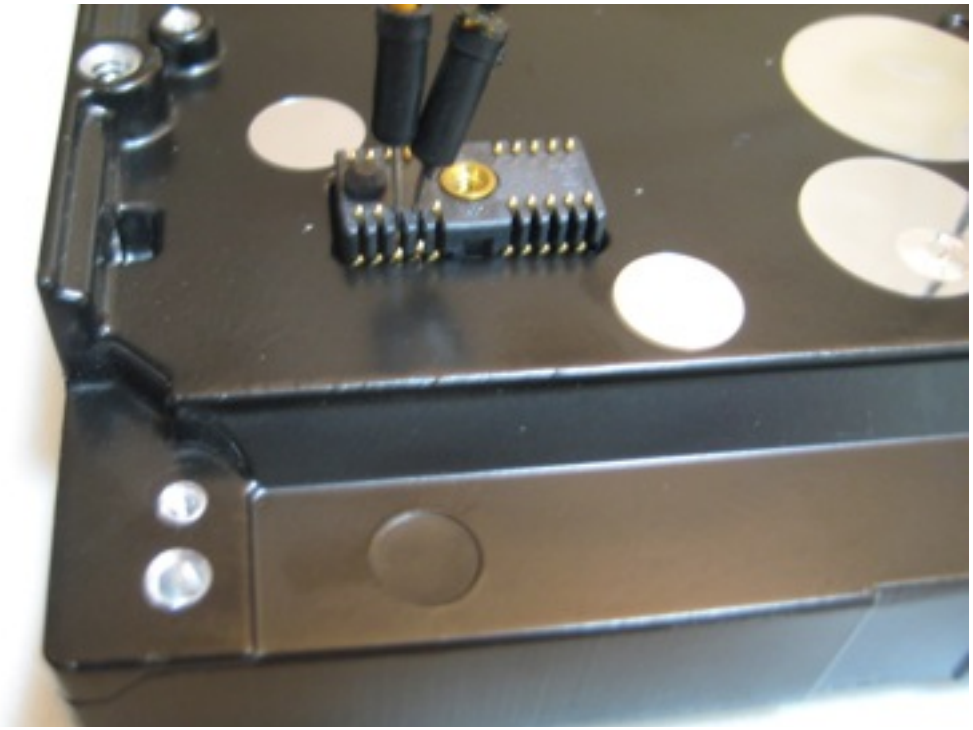
5) REMOVE “PARKING” LEVER

6) REMOVE DISKS (10 screws)
Hold read head and dump them out!

7) RETURN TOP MAGNET and 2 screws.

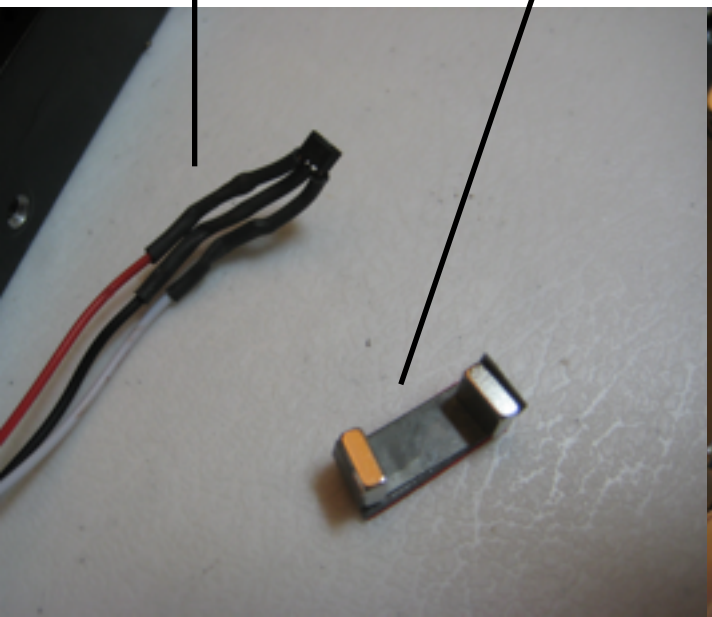
REMOVE CIRCUIT CARD5 screws (T-6)

INSERT MOTOR LEADS



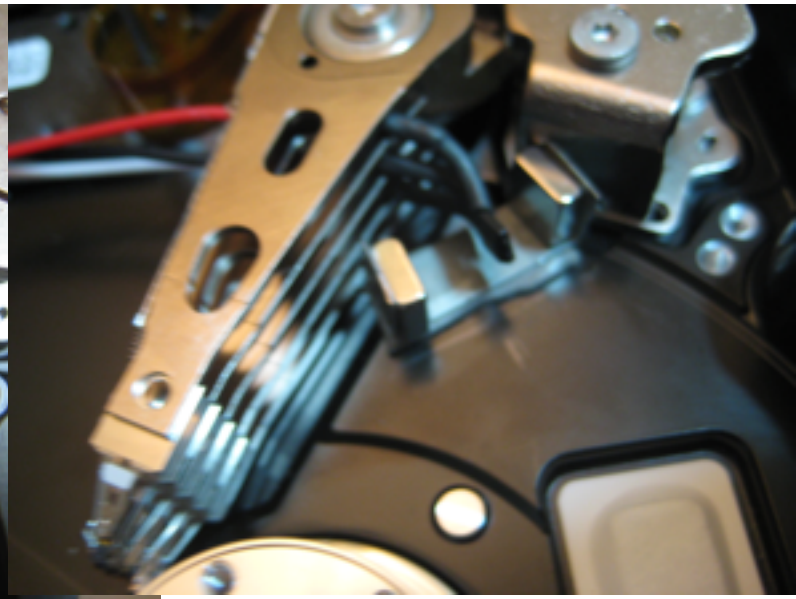
Hall-sensor (three leads)

Magnets in Bracket



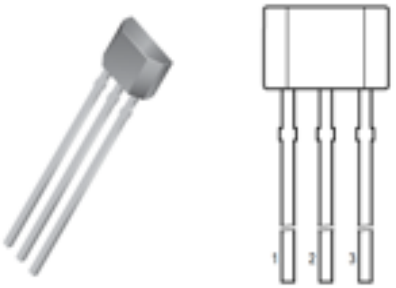
Mark placement for magnet bracket
(perpendicular to radius from arm pivot)

Place magnet bracket
(with double-stick tape)



Jam Hall-sensor leads
between arms

Hall Effect Sensor (Allegro A1321UA)



Hall Sensor:

Vcc to 5v RightRail(red)
GND to GNDRail(black)
Vout to Trinket #2

9v Battery:

+ to LeftRail(red)
- to GNDRail(black)

Trinket to board
BAT to LeftRail(red) to Vcc2
GND to both Rails(black)
5V to RightRail(red)

H-Bridge:
1,2EN to #4
1A to #0
2A to #1 to 2A