

No DVD replay

Does laser turn on?  
(Is laser beam emitted  
red?)

No

1. Optical pickup (Check the laser current)  
\* Less than 50mA
2. Laser CONT circuit : Q5, IC1  
IC1 (Pin Nos. 1, 2, 3 and 4) and their  
peripheral circuits.  
IC2 (Pin Nos. 1 and 2) and their peripheral  
circuits.
3. CPU: IC4 (Pin Nos. 70, 71 and 72) and their  
peripheral circuits.

Yes

Is focus servo on?  
(Does focus lens  
moves up and down?)

No

1. Servo circuit: IC1 (Pin No. 13 (FEOUT) )
2. Focus servo circuit : IC2  
(Pin Nos. 95 (FEIN), 103 (FOD))
3. Driver circuit: IC9  
(Pin Nos. 23 (FODIN), 1 (F-), 28 (F+))  
Also check their peripheral circuits.
4. Optical pickup (Focus coil)

Yes

Does spindle motor  
start to spin?

No

1. Servo circuit: IC2  
(Pin Nos. 122 (SPN+), 123 (SPN -))
2. Driver circuit: IC10  
(Pin Nos. 12, 13 (INPUT), 1, 19, 20  
(OUTPUT))  
Also check their peripheral circuits.
3. Spindle Motor

Yes

Does focus servo start  
up?

No

1. Focus servo circuit:  
IC1 (Pin No. 13 (FOD out))  
IC2 (Pin Nos. 95 (FEIN), 103 (FOD out))  
Also check their peripheral circuits.

Yes

A