



Kit Instructions

Subject: Encoder Assembly Covers

Product Line: DL.2

Date: 5/22/06

Before You Begin

Please note the following warnings and cautions before performing the procedure outlined in this Installation Instruction.



Warnings: Disconnect power before servicing.

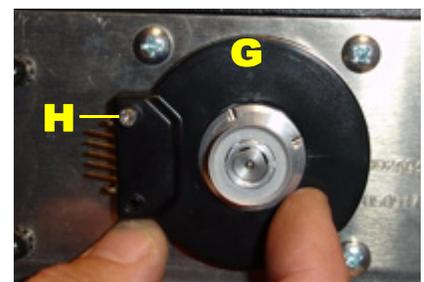
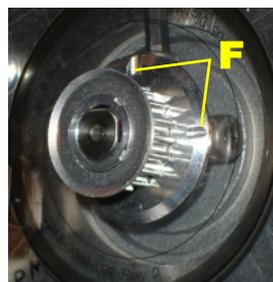
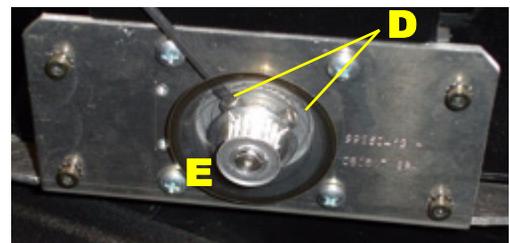
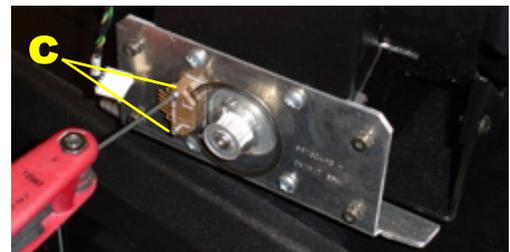
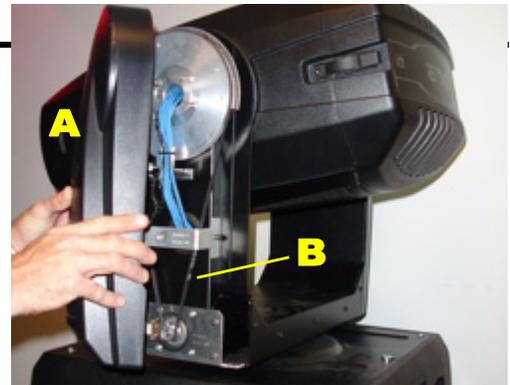
Equipment surfaces may reach temperatures up to 130° C (266° F). Allow the fixture to cool before handling.

Install Tilt Encoder Cap

1. Locate the yoke arm cover (A) opposite the lock arm. Loosen the quarter-turn screw and remove.
2. Detatch and remove belt (B).
3. Remove the two M2 socket cap screws (C) from encoder sensor.
4. If there is a spacer below the encoder, remove and discard.

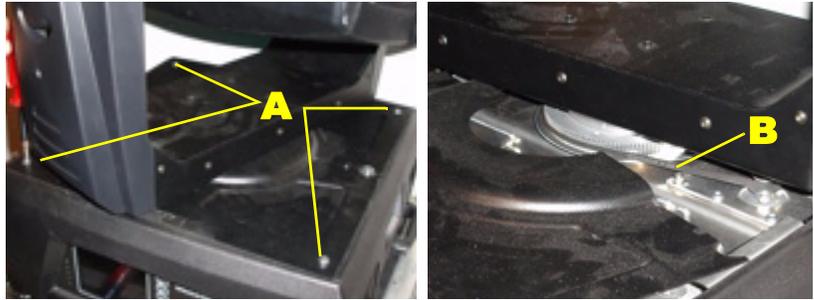
Note: *If there is no spacer, clean the disk on the pinion gear assembly with a wet type lens cleaning wipe or isopropyl alcohol and a tissue, and go to Step 8.*

5. Use a 3 mm hex allen wrench to remove the two M4 socket cap screws (D) that hold the pinion gear assembly (E) to the motor shaft. Remove and discard the pinion gear assembly.
6. Install the new pinion gear assembly that shipped in your kit onto the motor shaft. Align gear notches (F) to flat sides of the motor shaft and position the gear edge flush with the end of the shaft. Secure the gear to the motor shaft with the two M4 set screws.
7. Spin the gear assembly. If you detect any rubbing, remove the screws, re-align the gear with the edge of the motor shaft and replace the set screws.
8. Reposition encoder sensor. Cover sensor and pinion gear assembly with the encoder cap (G) and one of the M2 socket screws (H). Tighten the screw to secure the assembly to the fixture and then add the other screw.
9. Replace belt.
10. Reattach yoke cover tightening the quarter-turn screw.



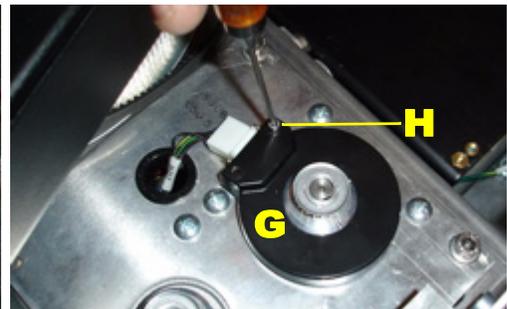
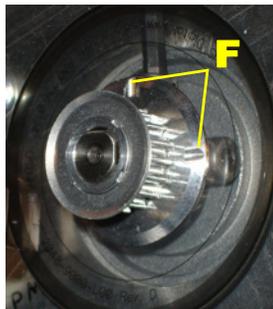
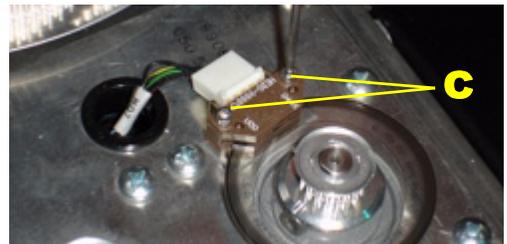
Install the Pan Encoder Cap

1. Loosen four quarter turn screws (A) and remove both top covers from base housing.
2. Locate pan encoder and detach belt (B).
3. Remove the two M2 socket cap screws (C) from encoder sensor.
4. If there is a spacer below the encoder, remove and discard.



Note: *If there is no spacer, clean the disk on the pinion gear assembly with a wet type lens cleaning wipe or isopropyl alcohol and a tissue, and go to Step 8.*

5. Use a 3 mm hex allen wrench to remove the two M4 socket cap screws (D) that hold the pinion gear assembly (E) to the motor shaft. Remove and discard the pinion gear assembly.
6. Install the new pinion gear assembly that shipped in your kit onto the motor shaft. Align gear notches (F) to flat sides of the motor shaft and position the gear edge flush with the end of the shaft. Secure the gear to the motor shaft with the two M4 set screws.
7. Spin the gear assembly. If you detect any rubbing, remove the screws, re-align the gear with the edge of the motor shaft and replace the set screws.
8. Reposition encoder sensor. Cover sensor and pinion gear assembly with the encoder cap (G) and one of the M2 socket screws (H). Tighten the screw to secure the assembly to the fixture and then add the other screw.
9. Replace belt.
10. Reattach yoke cover tightening the quarter-turn screw.



If you experience any complications or have any questions regarding these installations, contact the High End Systems Service Hotline at 1.800.890.8989 to speak with a technician.