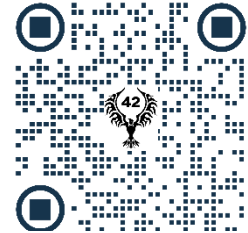


Glow Disk Replacement

Tools and Parts

Part Name	LDAR Part #
Glow Disk assembly	42181

Tool Name	LDAR Part #
0.7 mm hex driver.	
Flame Arrestor wrench	
Fixed-Tip Retaining = Ring Pliers	
Glow Disk tool	



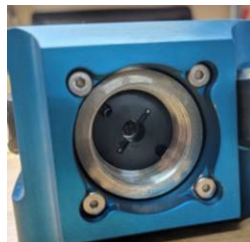
Scan or click QR code
for video tutorial.

Warning: Leave the new glow disk in protective container until necessary for installation.

Procedures

1. Place the **phx42** in Sleep Mode.
2. Loosen, but do not remove, the set screw on the face of the **flame arrestor (FID)** with the **0.7 mm hex driver**.
3. Use the **flame arrestor wrench** to remove the **flame arrestor**.

Reminder: Never remove the **flame arrestor cap** unless instructed to by LDARtools Technical Support within the context of a support case. Damage to the **glow disk** is likely, if not certain.



4. With the **fixed-tip retaining-ring pliers**, reach into the **FID** and grasp the **glow disk** by the two notches on its edge.



5. Pull the **glow disk** straight out to remove it from the **flame arrestor housing**.

Reminder: Due to the VERY sensitive nature of the **glow disk** and the wire across the surface, this is a very good opportunity to practice using the tools to do steps 5-8 using the old **glow disk** without fear of damaging the wire.

6. Making sure not to touch the delicate wire on the new **glow disk** and holding the disk with minimum pressure, *place* it carefully on the **glow disk tool**.



7. Look inside the **FID housing** to check the orientation of the sockets that the **glow disk** will plug into.



Tech Tip: Practice using the tool to remove and replace the **glow disk** using the broken part prior to installing the new one.

8. Using one of the two notches on the **glow disk** that is perpendicular to the orientation of the pins to help align it for installation, slowly and carefully *insert* the **glow disk installation tool** into the **FID housing**.



9. If necessary, slightly *rotate* the tool until the pins line up. Once they do, lightly *push* the **glow disk** into position.
10. After the installation, *pull* the **glow disk installation** tool straight out. It will automatically release from the **glow disk**.
11. Start *threading* in the flame arrestor by hand, then *tighten* it all the way using the **flame arrestor wrench**.
12. Tighten the set screw with the **0.7 mm hex driver**.

Reminder: Do not *over tighten* to prevent stripping out the screw socket.

Tech Tip: If resistance is met before completely installed, *stop* immediately and *report an issue*. Final tightening force should be like a water hose spigot.