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# HMG Delta CLASSIC Electronic Ignition Cable Replacement Kit

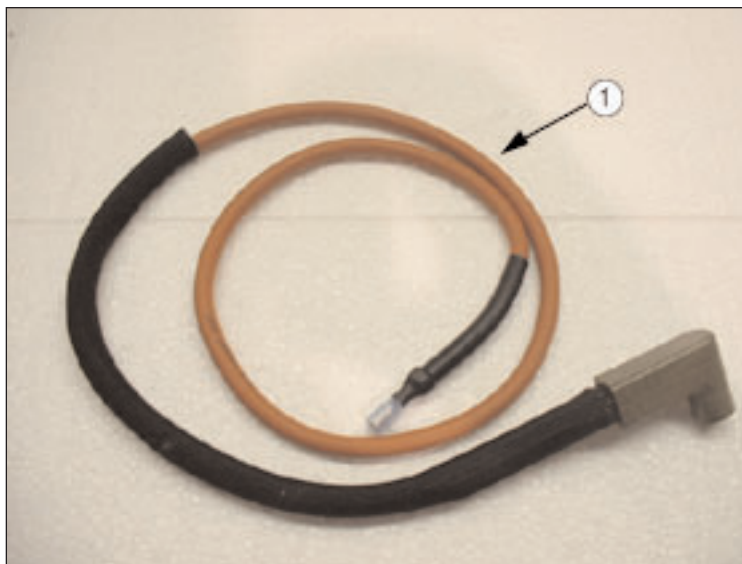
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Kit Part Numbers: PGRKIT27

## Parts List

1. Ignition cable with fiber sleeve



### WARNING

Indicates a potentially hazardous situation which, if ignored, can result in serious injury or substantial property damage.

### NOTICE

Indicates special instructions on installation, operation or maintenance, which are important to equipment but not related to personal injury hazards.

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### WARNING

Failure to follow instructions below can result in severe personal injury or damage if ignored.

- Instructions are for a qualified installer/ service technician.
- Read all instructions before proceeding.
- Follow instructions in proper order.

### WARNING

For your safety, turn off electrical power supply at service panel before proceeding to avoid possible electrical shock hazard. Failure to do so can cause severe personal injury or death.

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1. Ensure power to the unit has been disconnected prior to removal of the burner assembly.
2. Disconnect the snap-set plug located on the bottom right side of the windbox. Depress the tab and grip the body of the snap-set to prevent damage to the incoming wire leads when disconnecting.
3. Lift and remove the air inlet tube from the blower housing flange. If necessary, disconnect any air inlet piping connected to the unit prior to removing the air inlet tube.
4. Turn the main manual gas shut-off valve at the unit to the OFF position.
5. Disconnect the gas supply piping at the inlet of the gas valve.
7. Disconnect the ignition cable from the burner module. This end of the ignition cable has to be fed through the windbox and burner plate opening.
8. Disconnect the ignition cable from the Electrode assembly.

## WARNING

**Failure to disconnect electrical supply and close the gas shut-off valve can cause severe personal injury, death or substantial property damage.**

6. Dismount and remove the burner assembly from the unit by removing the (2) 17mm mounting nuts located to the left and right side of the windbox.

## WARNING

**Care must be taken when removing the burner assembly from the unit as not to damage the mounting plate insulation or the pilot assembly and pilot tube.**

## NOTICE

**The service technician may need to remove the burner control module from the top of the windbox to allow ease of removing the burner assembly from the combustion chamber**

## WARNING

**Inspect and ensure pilot hood assembly is free of damage. Replace as needed.**

9. To install the new ignition cable, connect the cable to the Electrode Assembly. Ensure the fiber sleeve is placed over the cable.

## WARNING

**Failure to install the fiber sleeve over the ignition cable will lead to premature failure of the ignition cable.**

10. Feed the terminal end of the ignition cable through the burner plate and windbox and reconnect to the burner module.
11. Use latex silicon to seal the opening between the windbox and the ignition cable.
12. Check the insulation gasket on the burner mounting plate. Replace if damaged.

## WARNING

**If the burner plate insulation is damage or show signs of deterioration, replace the insulation gasket. Failure to replace a damage insulation gasket can cause flue gas leakage for the burner assembly, resulting in severe personal injury or death**

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13. Remount the burner assembly into the combustion chamber. Use care not to damage the burner mounting plate insulation, pilot gas tubing or the spark ignition cable when inserting the burner assembly into the combustion chamber.
14. Secure the burner assembly using the (2) 17mm mounting nuts located to the left and right side of the windbox.
17. Reconnect the snap-set on the right side of the windbox.
18. Open the main gas valve shut-off valve and perform a leak test at all gas piping connections near the unit.

### WARNING

**Extreme care must be given when inserting the burner assembly into the combustion chamber to prevent damage to the insulation gasket, pilot gas tubing and ignition cable**

### WARNING

**Do not check for gas leaks with an open flame. Use a gas detector or a bubble test. Failure to check for gas leaks can cause severe personal injury, death or severe property damage.**

15. Reconnect the gas supply piping to the gas valve.
16. Re-seat the combustion air inlet tube onto the blower flange. Reconnect the air inlet piping to the unit as needed.
19. Reconnect electrical power to the unit returning the unit back into service.