



3108869.003 AUXILIARY HEAT KIT

This Kit Contains:

3108667.019	Coil
3108668.017	Valve
3107879.001	Screw
3104354.000	Mastic
3109617.005	Installation Instructions

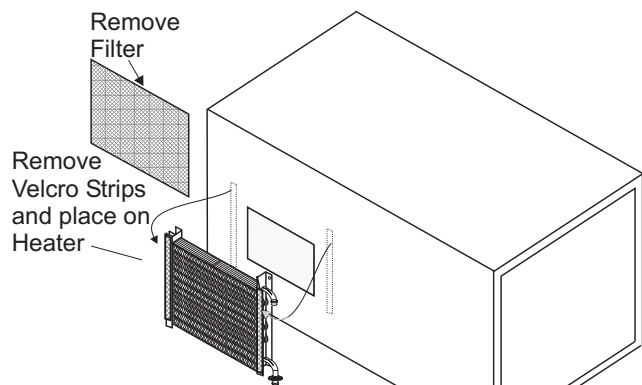
INSTALLATION INSTRUCTIONS

⚠ WARNING

These instructions must be read and understood before installation of this kit. This kit must be installed by a qualified service technician. Modification of this product can be extremely hazardous and could result in personal injury or property damage.

1. Remove filter from Duo-Therm Heat Pump. See FIG. 1
2. Transfer hook & loop strips from heat pump unit to Auxiliary Heat Coil. See FIG. 1

FIG. 1



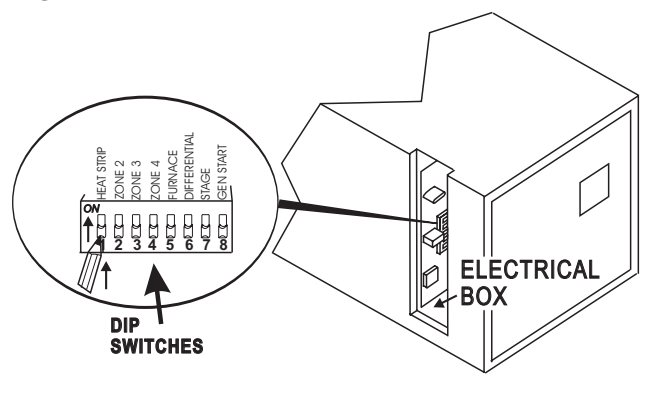
3. Install filter on Auxiliary Heater Coil.

⚠ WARNING

Disconnect 115 volt AC. Failure to follow these instructions could create a shock hazard causing death or severe personal injury.

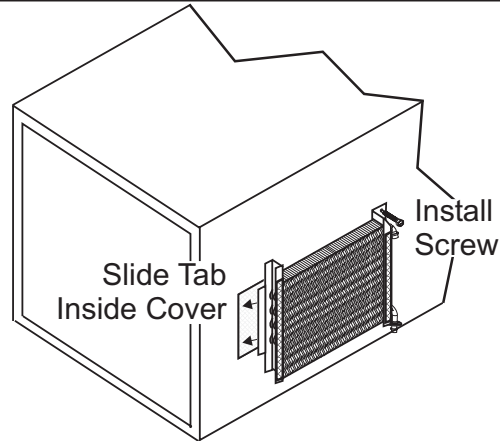
4. Remove electrical box cover and set heat strip dip switch to the "ON" position. See FIG. 2

FIG. 2



5. Replace electrical box cover.
6. Drill two holes through floor for inlet and outlet water hoses. The inlet hole is to be 3/4" and the outlet hole will be 1-3/8". See FIG. 4.
7. Install Auxiliary Heater Coil on Duo-Therm Heat Pump. See FIG. 3. Installer must have access to heater coil and electrical box areas on previously installed heat pumps. There must be 2" clearance between the coil and any blockages.

FIG. 3



8. Install rubber seal in hole drilled for return water. See FIG. 4.
9. Install water valve in hole drilled for hot water line. See FIG. 4.

Important: Use sealant between floor and valve flange.

10. Route heater hose from heat pump to location in engine compartment where hoses will be plumbed into existing heater hoses.

! WARNING

Water from heater hose is extremely hot. Allow engine to cool down before cutting into engine heater hose. Hot water from hose could cause serious injuries from burns.

11. To avoid loss of water, clamp both hoses 3" back from where hose will be cut. See FIG. 4.

12. Cut inlet and outlet hoses and fit a T in each line. Install a shutoff valve in each line. See FIG. 4.
13. Connect inlet and outlet hose from Duo-Therm Heat Pump to T's installed.
14. Connect inlet water hose to water valve. See FIG. 4.
15. Connect water hose from valve to inlet water fitting in auxiliary heater.
16. Connect outlet water hose to fitting on auxiliary heater.
17. Plug water valve cable into 3-pin connector on heat pump.
18. Test for leakage by running engine and Comfort Control Center to electric heat. Check all hose connections to ensure that there are no leaks.
19. Verify all hoses are held in place to ensure no rubbing will occur against edges.
20. Secure hoses to vehicle within 8" of heater connection and as needed otherwise.

FIG. 4

