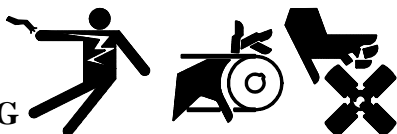


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**Flexible Exhaust Kit PA-272720**  
**Adapter Bushing Kit PA-274900**  
**Standby Generator Sets**



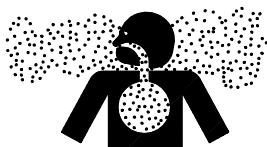
**WARNING**



**Accidental starting can cause death or serious personal injury.** Turn Generator Master Switch to OFF position, disconnect power to battery charger, and remove battery cables (remove negative lead first and reconnect it last) to disable generator set before working on any equipment connected to generator. The generator set can be started by automatic transfer switch or remote start/stop switch unless these precautions are followed.



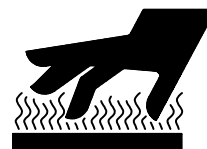
**WARNING**



**Carbon monoxide can cause death, severe nausea or fainting.** Never operate the generator set inside a building unless the exhaust gas is piped safely outside. Never operate in any area where exhaust gas could accumulate and seep back inside an occupied building. Avoid breathing exhaust fumes when working on or near the generator set. Carbon monoxide is particularly dangerous in that it is an odorless, colorless, tasteless, nonirritating gas. Be aware that it can cause death if inhaled for even a short period of time. The exhaust system must be leakproof and routinely inspected.



**CAUTION**

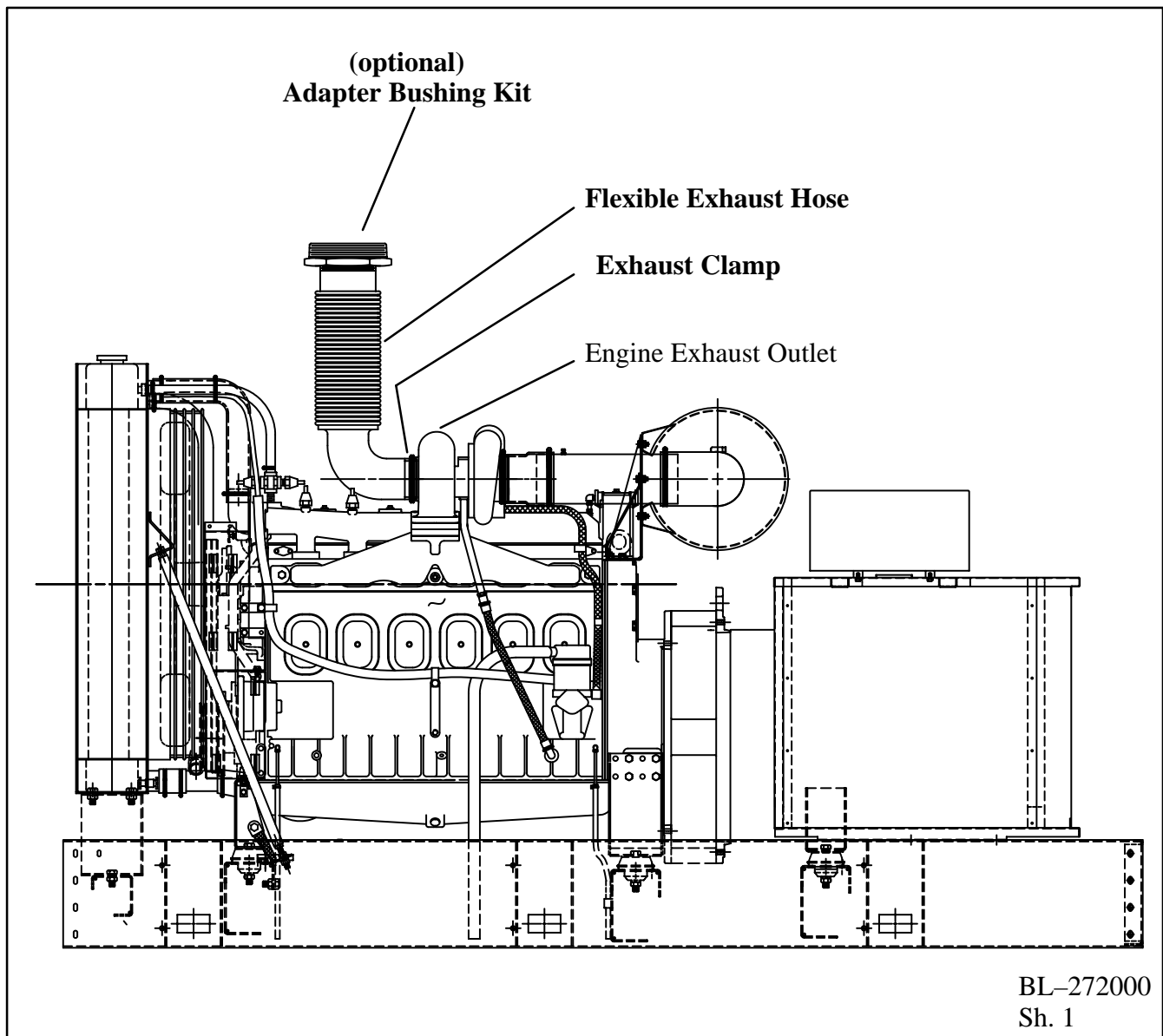


**Hot parts can cause personal injury.**

Do not touch hot engine parts. An engine gets hot while running and exhaust system components get extremely hot.

**INSTALLATION**

1. Move controller master switch to OFF position. Disconnect battery of generator set, negative lead first.
2. Coat mating surface of flexible exhaust hose with a small amount of high temperature anti-seize compound. Do not allow anti-seize compound to contact turbocharger internal components (if used). Position flexible exhaust hose on engine exhaust outlet with open end aligned with silencer/exhaust system. See Figure 1 for components.
3. Install and tighten exhaust clamp on end of flexible exhaust hose.
4. Coat male threads of flexible exhaust hose with high temperature anti-seize compound and install adapter bushing kit (if required). Use two wrenches when tightening adapter bushing to prevent damage to flexible exhaust hose and/or engine exhaust outlet. Place one wrench on hex portion of adapter bushing and one wrench on area just below threads of flexible



**Figure 1. Flexible Exhaust Hose and Adapter Bushing Installation (typical)**

exhaust hose.

5. Complete the exhaust system installation as required.
6. Check that the controller master switch is in the OFF position. Reconnect battery, negative lead last.

**NOTE**

When exhaust system installation is complete, test run generator set for a few minutes and check for exhaust leaks and loose exhaust components. STOP generator set. Before each startup and at regular intervals, check exhaust system for leaks and loose components. Tighten loose components and replace worn or damaged parts as necessary.