

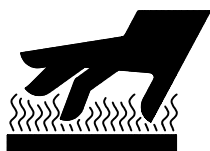


Critical Silencer Mounting Kit For 20–40kW (John Deere–Powered Standby Generator Set) Kit # PA-273602



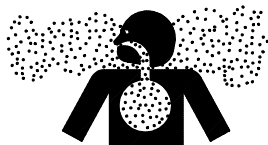
⚠ WARNING

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.



⚠ 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.



⚠ 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.

The Silencer Mounting Kit is intended for installation on a housed generator set. Silencer Mounting Kits do not include silencers. Refer to the installation instructions and follow all safety precautions when assembling. See Figure 1 and Parts Listing for identification and location of parts.

Installation

1. Place controller master switch to OFF position. Disconnect battery of generator set, negative lead first.
2. Remove housing doors to expose generator set.
3. Install exhaust adapter (273600) into silencer inlet about one inch (25 mm).
4. Align silencer inlet end over engine exhaust manifold, do not secure. Place silencer bracket (273587) underneath silencer and position it approximately 12 inches (305 mm) from end of silencer outlet, see Figure 1.
5. Using silencer bracket as a template, drill two 0.281 inch (7.14 mm) diameter holes in housing roof. Locate holes at each end of silencer bracket. Remove bracket.
6. Install bumpers (255443) to housing roof with two lock washers (X-20-1), two Hex. nuts (X-81-1), and two washers (X-25-40).
7. Mount silencer bracket (273587) to bumpers with two screws (X-465-6), and lock washers (X-20-1).

8. Install silencer onto engine exhaust manifold. Position silencer over silencer bracket and adjust so that the silencer is parallel to housing roof edge.
9. Install U-clamp (X-722-2) on adapter and tighten to exhaust manifold.
10. Place silencer strap (290864) over silencer and attach angle bolts (253307). With angle bolts through silencer bracket, install lock nuts (X-101-8) and washers (X-25-40).
11. Check that the controller master switch is in the OFF position. Reconnect battery, negative lead last. Replace doors.

Parts Listing

Qty	Description	Part Numbers
2	Nut, Elastic Stop 1/4-20	X-101-8
4	Washer, Lock 1/4	X-20-1
4	Washer 9/32 x 5/8 x .05	X-25-40
2	Screw, H.C.	X-465-6
1	Clamp, U	X-722-2
2	Nut, Hex. 1/4-20	X-81-1
2	Bolt, Angle	253307
2	Bumper	255443
1	Bracket, Mounting	273587
1	Adapter, Exhaust	273600
1	Strap, Muffler	290864

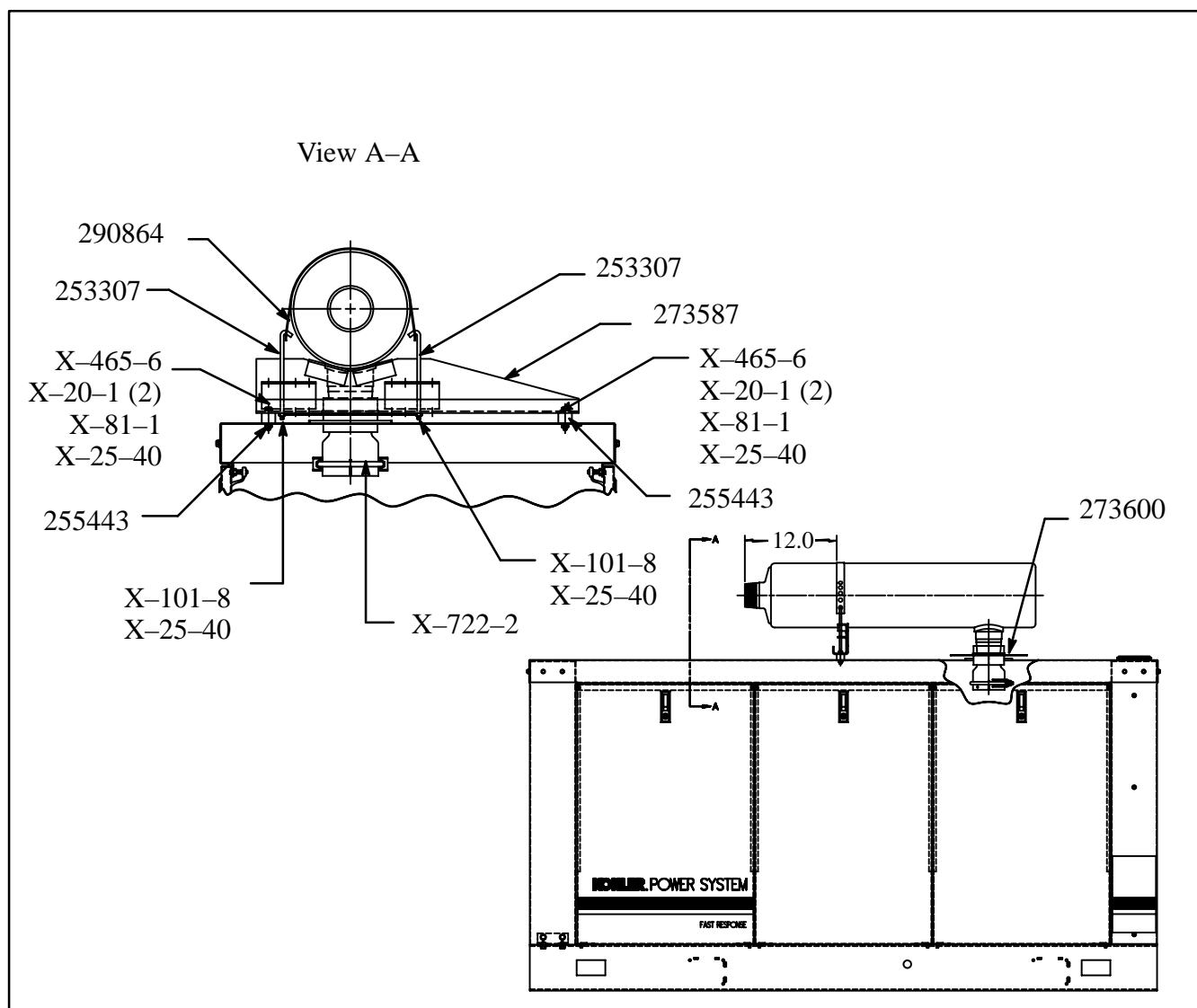


Figure 1. Silencer Mounting