



Exhaust Mounting Kits 80/100 RZ Fast Response II

Kit	Critical	Industrial
Exhaust Mounting Kit Silencer Kit	PA-255566 PA-253615	PA-255567 PA-253616

Silencer and exhaust mounting kits are designed for installation on a housed generator set. Use the exhaust mounting kit designed for use with the silencer selected (critical or industrial). Exhaust mounting kits do not include a silencer. Refer to the mounting instructions below and follow all safety precautions in text during installation. See Figure 1 and the parts listing to identify and locate kit components.

WARNING

UNIT STARTS WITHOUT NOTICE! Units with Automatic Transfer Switches start automatically. Potential injury or electrocution can result. Turn Generator Master Switch on controller to OFF position and remove battery cables (remove negative lead first and reconnect it last) to disable generator set before working on any equipment connected to the generator.

WARNING

HOT PIPING! An engine gets hot while running and exhaust system components get extremely hot. Do not work on generator set until unit is allowed to cool.

1. Move controller master switch to the OFF position.
2. Disconnect generator set battery, negative lead first.
3. Remove doors from generator housing to expose genset.
4. Slide silencer (critical or industrial) inlet over wide end of exhaust adapter (255568) approximately 1 in. (25 mm). Secure with 4 in. clamp (289372).
5. Position inlet end of silencer (with adapter) over engine exhaust manifold with silencer parallel to long side of generator housing. Place silencer bracket (253310) under silencer and position it approximately 22 in. (550 mm) from center of silencer inlet (industrial silencer only). If installing a critical type silencer, locate silencer bracket approximately 37 in. (925 mm) from inlet (See Figure 1).
6. Remove silencer and use muffler bracket as a template to drill two 9/32 in. (7.14 mm) diameter holes through roof of generator housing. Locate holes at each end of silencer bracket. Remove bracket.
7. Using holes drilled in previous step, attach rubber mounts (259632) to housing roof with two lock washers (X-20-1) and hex nuts (X-81-1).
8. Position silencer bracket on rubber mounts and secure with two lock washers (X-20-1) and screws (X-5-17).
9. Slide silencer inlet (with adapter) over engine exhaust manifold while positioning silencer on silencer bracket.
10. Secure silencer inlet (with adapter) to exhaust manifold with 2.25 in. clamp (288827).
11. Thread hex nuts (X-81-1) on angle bolts (253307-critical / 255512-industrial) about one in. (25 mm). Place silencer strap (critical-290865 / industrial-290864) over silencer and attach studs.
12. Install studs in silencer bracket and alternately install and tighten lock nuts (X-101-8). Tighten hex nuts on studs against silencer bracket to secure silencer.
13. Final tighten clamps at exhaust manifold and silencer inlet.
14. Check that controller master switch is in the OFF position. Reconnect battery, negative lead last. Replace housing doors.

	253616	253615
	IND.	CRIT.
DIM. 'A'	22.0	37.0

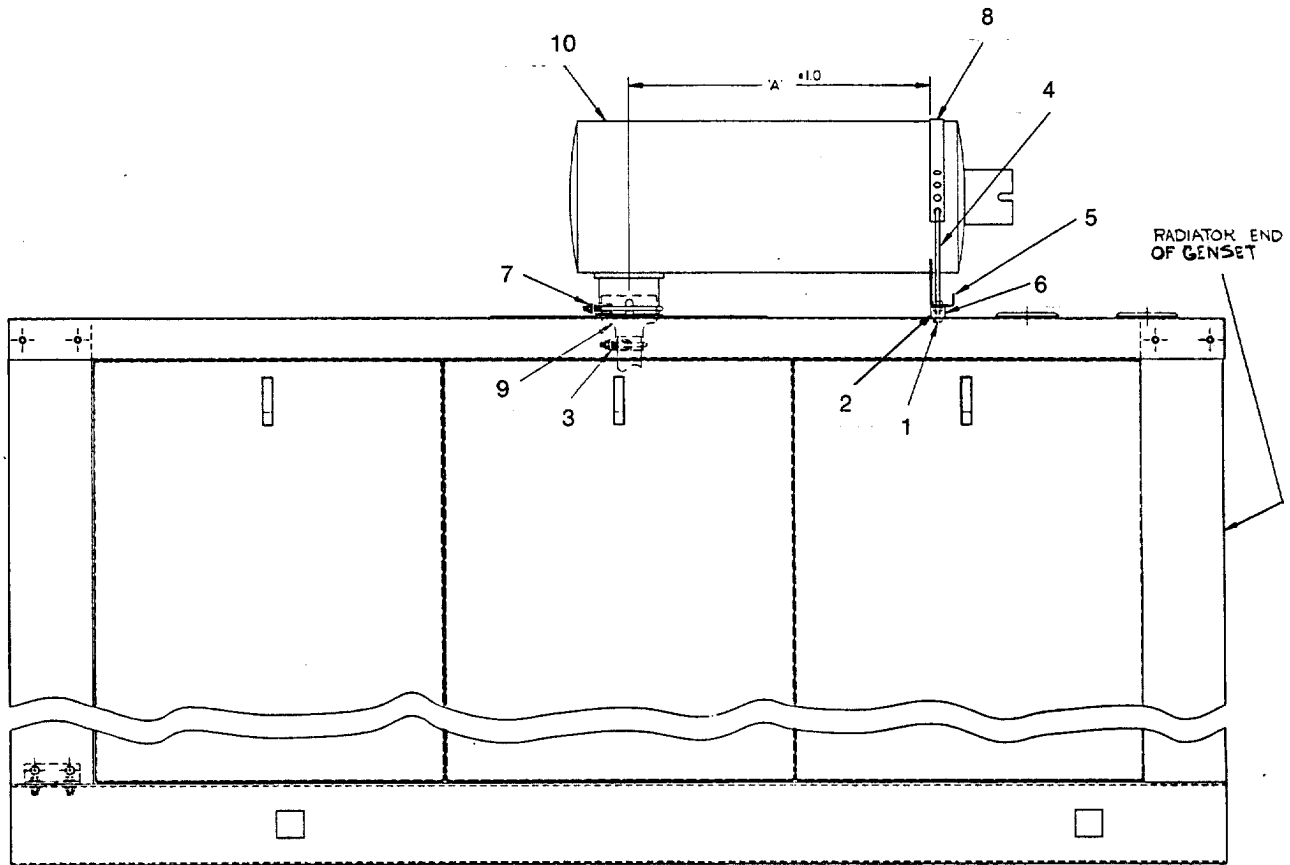


Figure 1. Silencer Mounting

PARTS LISTING

Ref. No.	Description	Qty.	PA-255566	PA-255567	PA-253615	PA-252616
1	Screw, Hex 1/4 -20 x 3/8	2	X-5-17	X-5-17		
	Washer, 1/4 in.	4	X-20-1	X-20-1		
	Lock Nut, Hex 1/4- 20	4	X-81-1	X-81-1		
2	Nut, lock 1/4 - 20	2	X-101-8	X-101-8		
3	Clamp, 2-1/4 in.	1	288827	288827		
4	Stud	2	253307	255512		
5	Bracket, Silencer	1	253310	253310		
6	Mount, Rubber	2	259632	259632		
7	Clamp, 4 in.	1	289372	289372		
8	Strap, Silencer	1	290865	290864		
9	Adapter, Exhaust	1	255568	255568		
10	Silencer, Critical	1			253613	
	Silencer, Industrial	1				253614