

2CM/2.5CM/2.5CMZ-RV Muffler Kits

Kit	Exhaust Outlet
PA-228159	Curb Side
PA-228174	Street Side

Two types of muffler kits are available. One version is designed for installation on vehicles with the compartment located on the right (curb side for left-hand-drive vehicles). The other version is for left-side compartment installation (street side for left-hand-drive vehicles).

Since dimensions vary with most installations, a tail pipe is not supplied. A tail pipe must be installed to direct exhaust gases beyond the perimeter of the vehicle. Use a tail pipe with a gradual bend to avoid excessive back pressure, and face the end opening away from the normal air stream. Position the tail pipe end so that discharged gases will not be drawn into the vehicle's interior through windows, doors, air conditioners, etc.

Use the following procedure and refer to Figure 1 for location of components.

⚠ CAUTION

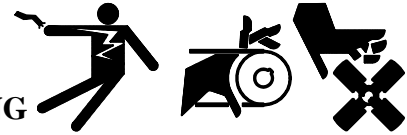


Hazardous noise.

Can cause loss of hearing.

Never operate generator without a muffler or with faulty exhaust system.

⚠ WARNING



Accidental starting.

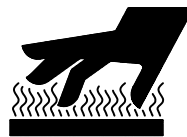
Can cause severe injury or death.

Disconnect battery cables before working on generator set (negative lead first and reconnect it last).

Accidental starting can cause severe injury or death.

Disconnect 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 remote start/stop switch unless this precaution is followed.

⚠ WARNING

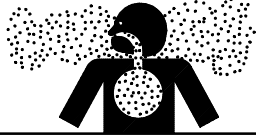


Hot engine and exhaust system.
Can cause severe injury or death.

Do not work on generator set until unit is allowed to cool.

Fire can cause severe injury or death. Hot exhaust system can ignite adjacent combustible materials. Do not locate electrical wiring, fuel lines, or combustible material above the exhaust muffler. Be careful when parking your vehicle to prevent grass fires started by exhaust system and hot exhaust gases.

⚠ WARNING



**Carbon monoxide.
Can cause severe nausea, fainting, or
death.**

The exhaust system must be leakproof and routinely inspected.

Carbon monoxide can cause severe nausea, fainting, or death. Install exhaust system tail pipe so discharged exhaust gases will not be drawn into vehicle interior through windows, doors, air conditioners, etc. Do not use flexible tail piping since this type could crack and allow lethal exhaust fumes to enter the vehicle.

Note

Exhaust outlet must comply to ANSI A119.2.

INSTALLATION

1. Disconnect the starting battery, negative (–) lead first.
2. Remove the old muffler and mounting hardware, if installed.
3. Open one muffler clamp and slide it over the muffler inlet. Place muffler inlet over engine exhaust pipe, overlapping at least 1 inch (25 mm).
4. Slide muffler mounting strap over muffler and connect to engine bracket using a screw, flat washer, plain washer and whiz nut. Tighten until muffler mounting strap is fully compressed.
5. Check to see that the muffler is parallel with generator set mounting tray and tighten muffler clamp.
6. Attach tail pipe (not supplied with kit) over muffler outlet, overlapping at least 1 inch (25 mm) and tighten muffler clamp. Secure tail pipe with proper mounting hangers to prevent vibration damage.

Note

Muffler outlet OD is 7/8 in. (22mm).

7. Reconnect the starting battery, negative (–) lead last.
8. Test run the generator set, checking for exhaust leaks and proper clearance of components.

Note

Any modification of the above procedure may affect the warranty coverage.

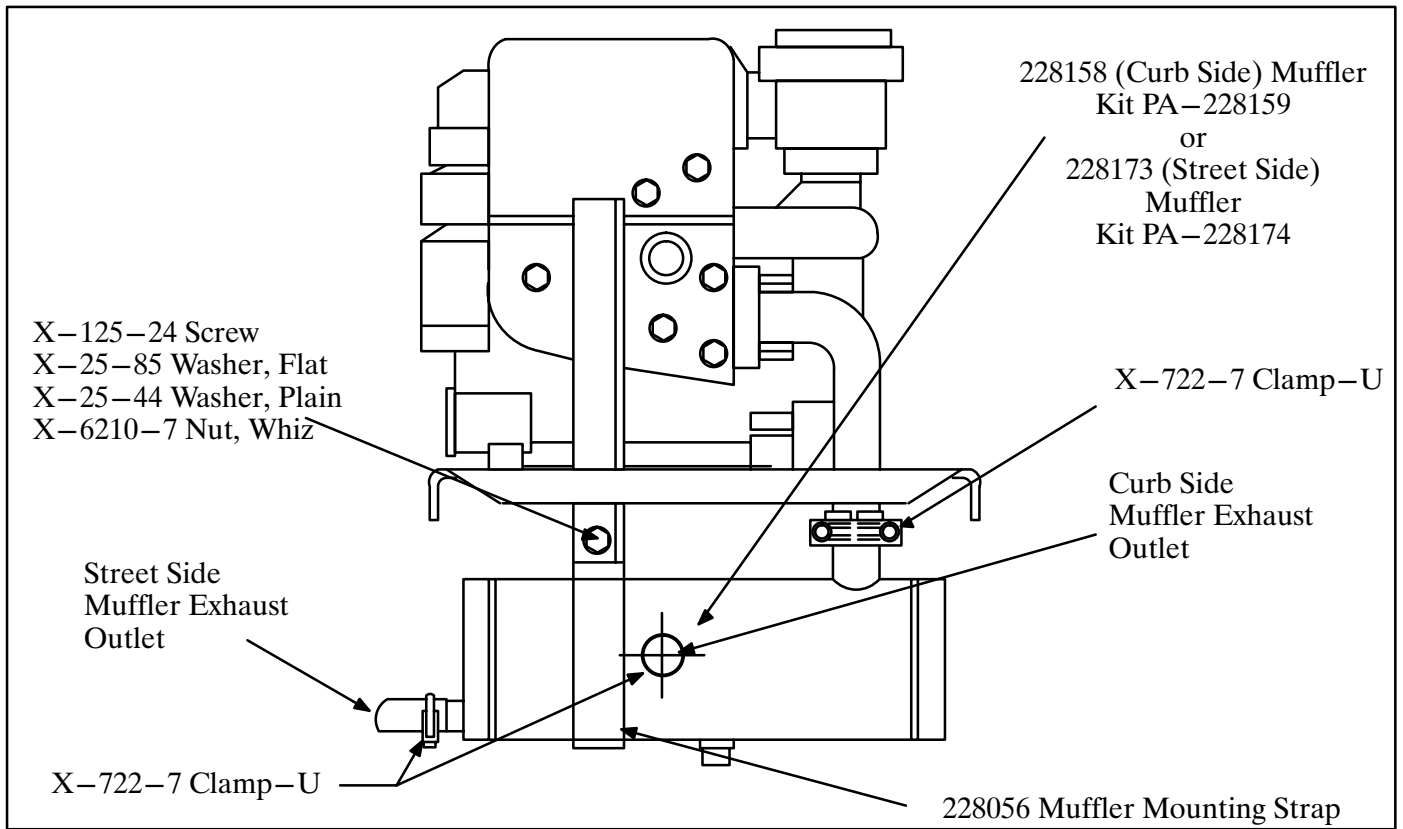


Figure 1. Exhaust Kit Installation

Kit Parts

Description	Qty.	Number
Screw, 5/16-18 X 1.25	1	X-125-24
Washer 0.344 x 0.687 x 0.065	1	X-25-85
Washer, 21/64, flat	1	X-25-44
Whiz Nut, 5/16-18	1	X-6210-7
Muffler, curb side		228158
Muffler, street side		228173
Strap, muffler	1	228056
Clamp, muffler	2	X-722-7