



7CCKM-RV Enclosure and Hinge Kit (PA-227522) For Below the Floor Tray Mounting

The below the floor tray kit is designed to ease serviceability of the generator set while the set is permanently mounted in an enclosure below the vehicle's floor. Certain service may be performed while the generator is in the up-position, and certain service can only be performed while the unit is in the tilted down-position. Follow the general guidelines set below.

UP POSITION:

- Check oil level
- Check air cleaner
- Oil change/Oil filter change
- Choke adjustment
- Carburetor adjustment
- Fuse replacement
- Voltage regulator adjustment
- Remove supporting bracket (227509). Support unit while servicing.
- Remove housing bracket (278934). Support unit while servicing.
- Remove access panel on right-hand side.

DOWN POSITION:

- Service or replace spark plugs
- Check valve-tappet clearance
- Service cylinder heads

NOTE

Before swinging down the generator set to perform service, disconnect fuel lines and remove exhaust system components to prevent tail pipe from getting damaged.

NOTE

Generator sets equipped with an optional "swing down" tray should not be left in the tilted position for any extended period (one hour or more) otherwise, hydrostatic lock can occur. Always place the unit in the normal mounting position when service is not actually being performed.



WARNING

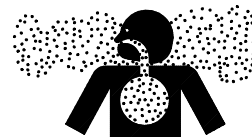
Accidental starting.

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



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. 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 or vehicle. Be careful when parking your vehicle to avoid obstructing the exhaust outlet. The exhaust gases must discharge freely, otherwise carbon monoxide may deflect into the vehicle. Avoid breathing exhaust fumes when working on or near the generator set. Carbon monoxide is particularly dangerous because it is an odorless, colorless, tasteless, nonirritating gas which can cause death if inhaled for even a short period of time.

NOTE

Enclosure side adjacent to the muffler must be of noncombustible material.

NOTE

Keep 9.8" (249 mm) minimum clearance between the muffler top surface and the vehicle's floor surface.

NOTE

When assembling the components together, work hardware through mounting holes from outer to inner surface of the enclosure. Use Figure 2 for proper positions.

INSTALLATION

1. If removing the generator set from a vehicle, move the controller master switch to the STOP position. Disconnect the battery of the generator set, negative lead first. Disconnect fuel lines, load leads, electrical leads, and exhaust system.
2. Attach the right panel assembly, the panel with the cutout, (A-227495) to the back panel assembly, the panel with the hinges attached, (A-227493) using one screw (X-6217-1) in the upper corner. In the lower corner, attach the panels using screw (X-6217-5).
3. Attach the left panel assembly (A-227494) to the back panel assembly using one screw (X-6217-1) in the upper corner. Position heat shield (227502) onto the left panel (A-227494) by aligning the mounting holes. Attach the heat shield, to the left panel and the back panel using screw (X-6217-5). Attach the front end of the heat shield to the left panel by using whiz nut (X-6210-7) and screw (X-125-33).

NOTE

All components which are required to be mounted to the vehicle should follow the mounting hole pattern supplied in Figure 1. Hardware for this purpose is not included in this kit due to varying thicknesses of a vehicle's floor. Minimum size required of hardware is 3/8-16.

4. Mount the panel assemblies to the vehicle.
5. Position the generator set in tray (278921). Secure the generator set to the tray using four screws (X-6217-5).

6. Attach two hinge plates (278924), open end out, to tray (278921) using four screws (X-67-115).
7. Raise the generator set (with the tray attached) and position underneath panel assemblies. Support unit while final assembly procedures are taking place.
8. Position hinges (attached to back panel) underneath rolled edge on hinge plates. Fasten center holes to tray using two screws (X-67-114).
9. Mount brackets (278934) and (227491) to the vehicle at locations shown in Figure 2.
10. Attach housing support (227500) into holes provided in bracket (278934) and tray. Secure with four screws (X-6217-1).
11. Attach support bracket (227509) to bracket (227491) and tray using two screws (X-67-115).
12. Affix decals (278850, 227492, and 227587) as shown in Figure 2.
13. Install five screws (X-67-115) to the right assembly panel and tray.
14. Install bushings (X-634-25) at positions shown in Figure 2C.
15. Connect the generator battery, negative lead last. Connect fuel line, load lead, electrical leads, remote leads, and exhaust system.

Parts Listing for Tray Kit PA-227522

Description	Qty.	Part Number
Screw, H.C.5/16-18 x 1/2	1	X-125-33
Decal, warning	1	278850
Shield, heat	1	227502
Bracket, housing	1	278934
Support, housing	1	227500
Back panel assembly	1	A-227493
Left panel assembly	1	A-227494
Right panel assembly	1	A-227495
Screw, 1/4-20 x 1/2	11	X-67-115
Bracket, support	1	227509
Bracket	1	227491
Decal	1	227492
Plate, hinge	2	278924
Tray, hinged	1	278921
Nut, whiz 5/16-18	1	X-6210-7
Screw, 1/4-20 x 3/4	2	X-67-114
Hex. flanged screw 3/8-16	6	X-6217-5
Hex. flanged screw 5/16-18	6	X-6217-1
Decal	1	227587
Bushing	3	X-634-25

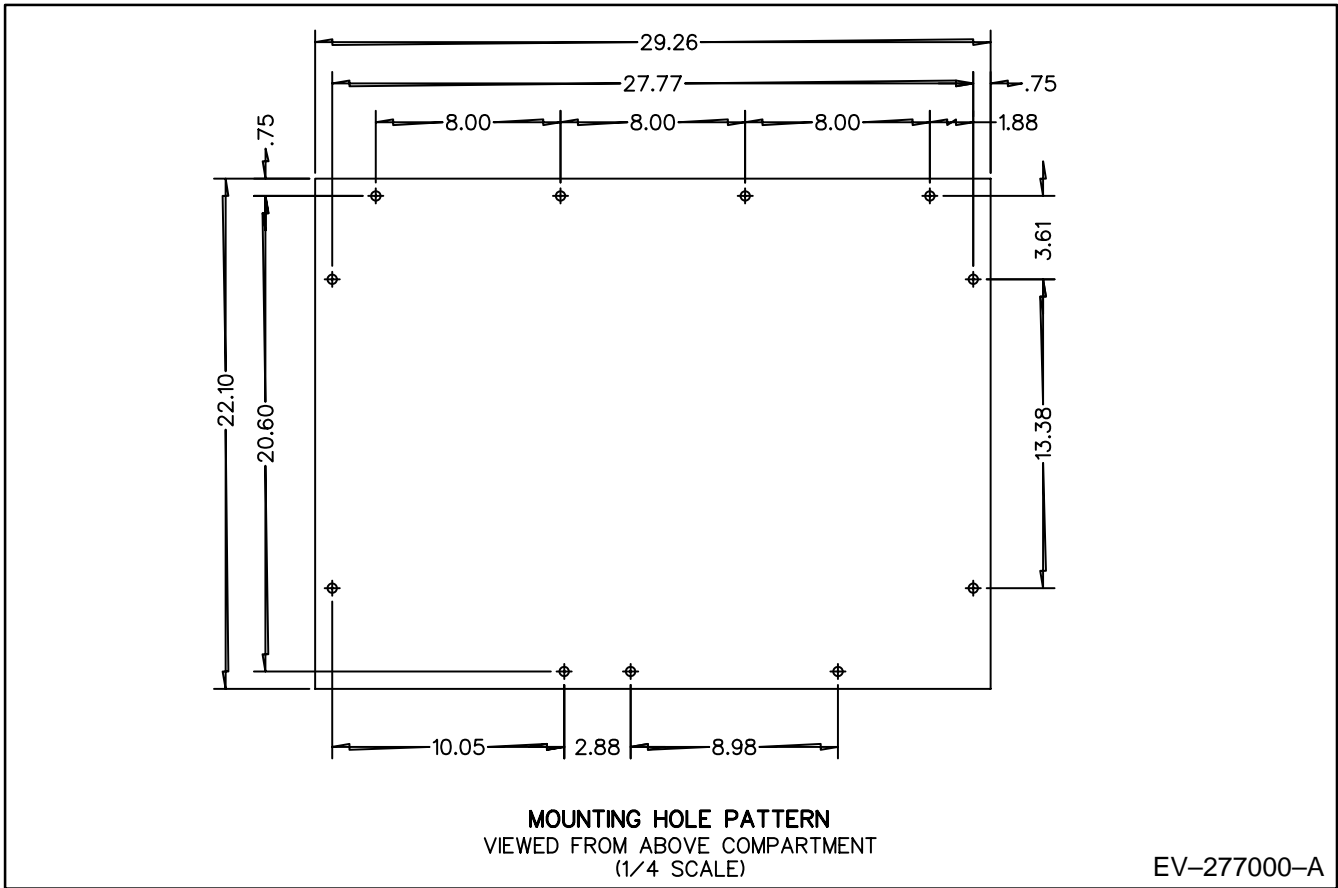


Figure 1. Mounting Pattern

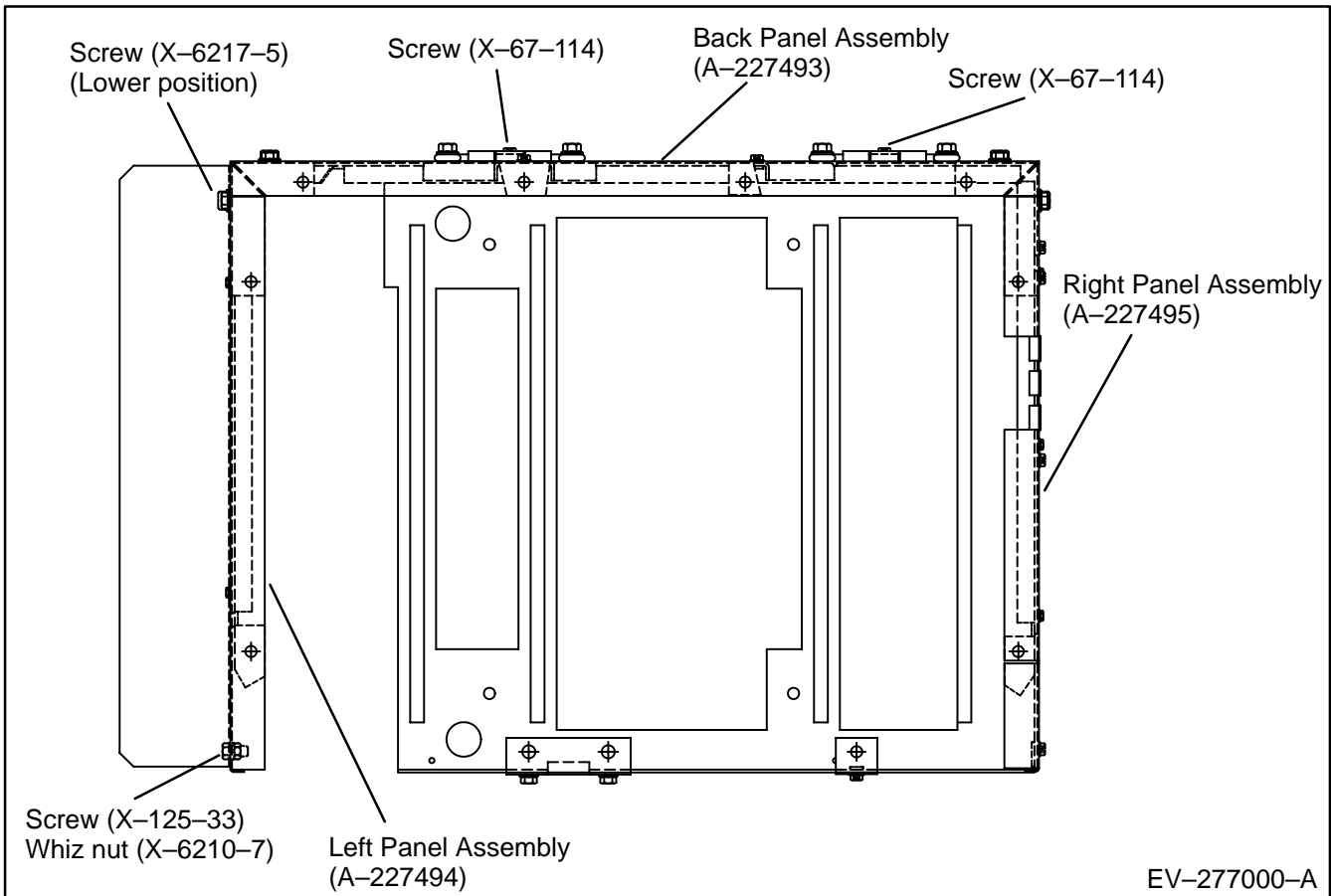


Figure 2A. Installation Drawing (Top View)

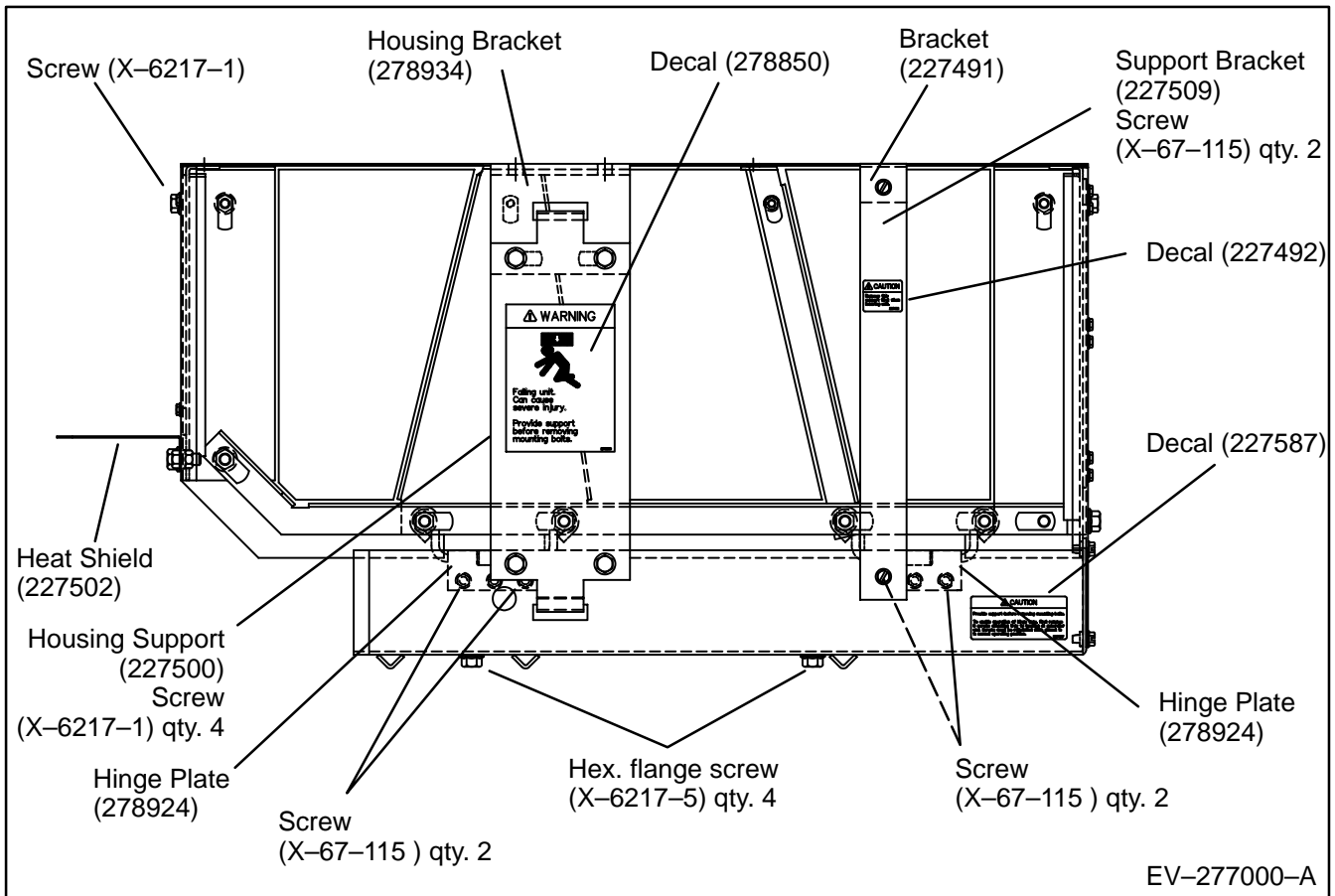


Figure 2B. Installation Drawing (Front View)

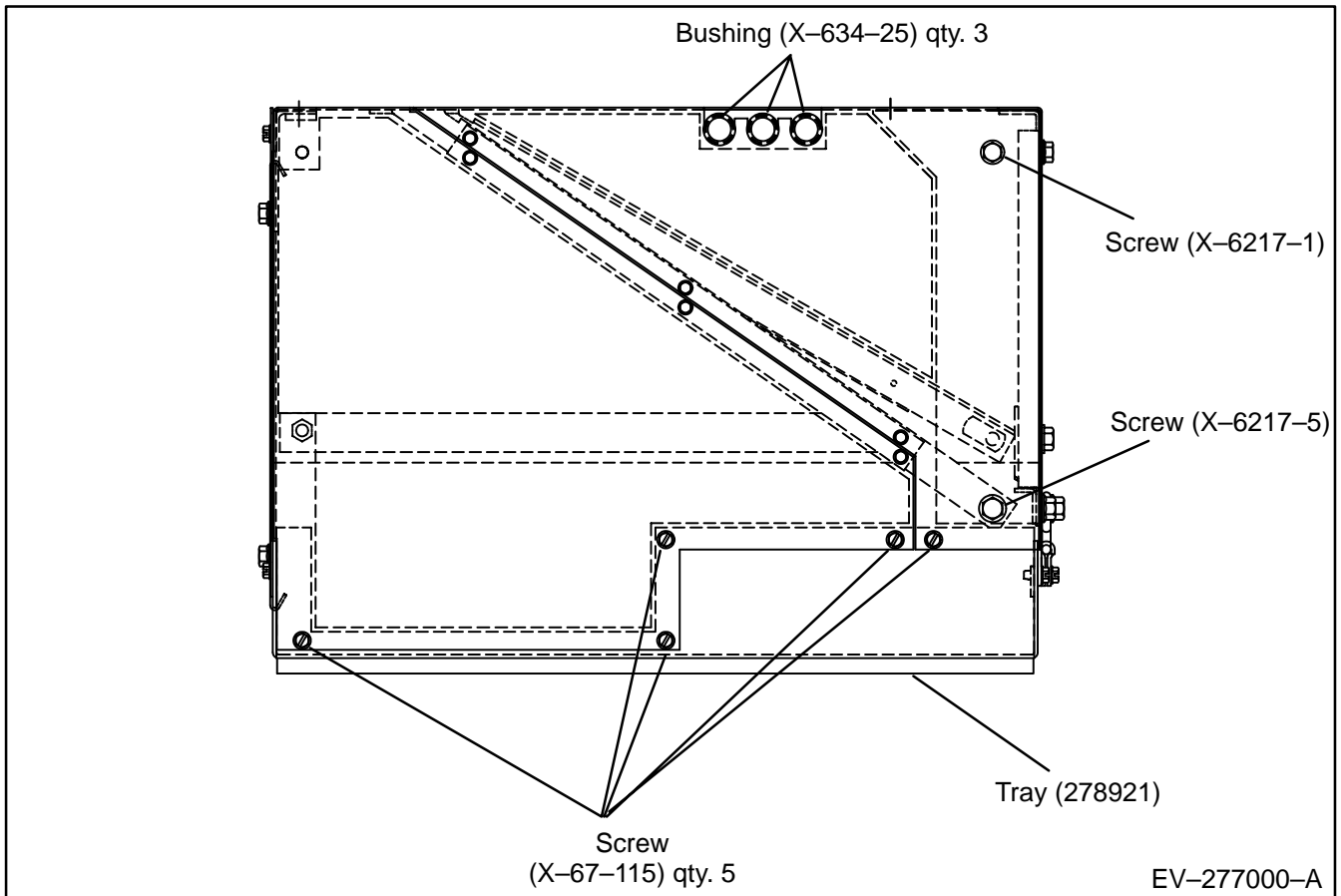


Figure 2C. Installation Drawing (Side View)