

FORD GENERATOR INSTALLATION

(for Generator Ready equipped vehicles coach model 2002 and up)

Read all instructions fully before proceeding.

See also Instruction Sheet C537 for the Generator Remote Switch (supplied with vehicle) and Generator manual (supplied with the Generator).

All parts can be purchased from Pleasure-Way Industries

1. Drop the storage compartment located directly in front of the propane compartment by removing the four bolts that are holding it up.
2. Prepare the generator:
 - A) Install the quick connect plug supplied with the Onan generator to the 4 or 5 wire harness that is ty-wrapped to the factory wire harness by butt connecting color to color. This is located directly behind the driver's seat in the opening on the underside of the vehicle.
 - B) A piece of black or gray liquid-tite conduit passes through the floor on the underneath side of closet. Unstrap and open up the end under the vehicle and fish the generator wires up to the junction box located in bottom of the closet directly behind drivers seat. Remove the two screws holding the closet base down. Lift closet base to access the junction box. Make the appropriate color coded connections. Remove the reset cover and replace with a 4" square blank.

NOTE: If, with this hook up on the remote, the indicator light doesn't light up change the Pleasure-way orange wire to hook up with the Onan red wire.
 - C) Hook up the fuel line (meeting SAE 30R7 standards) to the generator fuel supply inlet and forward to the auxiliary fuel supply tap. The fuel supply tap is a flexible line and is hanging down between the gas tank and the frame and is capped off.
 - D) There is another set of wires that are 8 ga. red and 8 ga. white (these are the battery feed wires) and are located behind the driver's seat underneath the van. The white wire is to be connected to battery ground and the other end is to be grounded to one of the generator mounting bolts (we recommend cleaning some of the paint off where the generator is to be grounded as a good ground connection is absolutely necessary!). The red wire is to be connected to battery

positive and the other end to the single **white** wire on the generator (the two lugs may be nut and bolted together and then properly protected).

3. Lift the generator into place with a floor jack and install all fasteners and washers then tighten. The heat shield (figure A) is mounted between the back mounting plate and the generator. The existing mounting bolts for the generator are used to hold it in place.

NOTE:

-When installing the generator make sure the fuel line does not get pinched between the floor of the van and the generator.

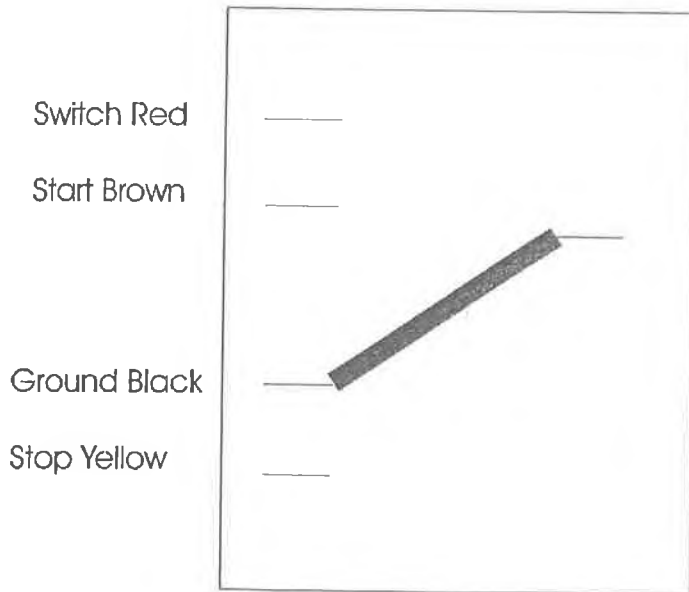
-The Liquid-tite conduit must be routed such that it will not interfere with generator mounting.

4. Install the generator exhaust pipe so that it extends out past the side of the vehicle and secure with exhaust hangers. The exhaust pipe must be extended and bent as necessary to allow for clearance of door openings. (figure B) We recommend that the modified pipe be purchased from Pleasure-Way Industries.
5. The generator brace (figure C) is mounted to the flange on the front mounting bracket and the existing hole in the chassis frame directly in front of the generator.
6. **Prior to operation of the vehicle or the generator** make certain that all connections are proper and secure, all connections are protected, all hoses and fittings are tight, all fasteners are tight and all hoses and wiring harnesses are secured out of harms way.

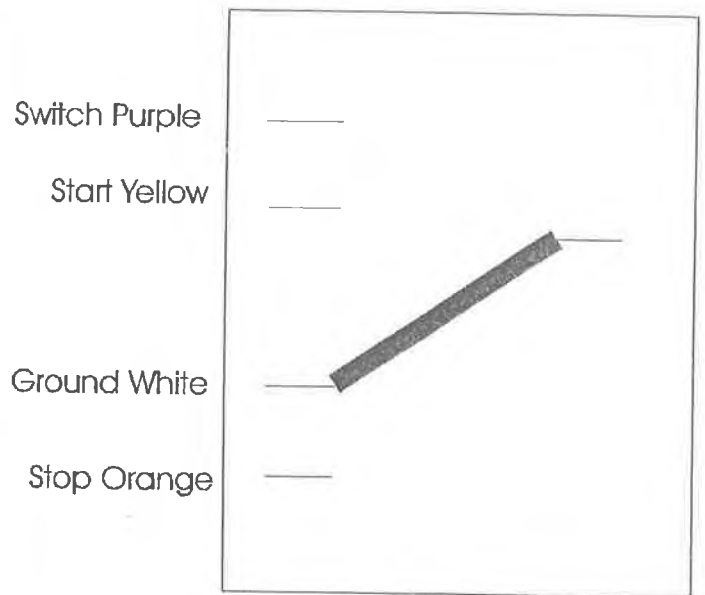
ONAN GENERATOR SWITCH HOOK UPS

ONAN DESIGNATIONS				Pleasure-Way harness prior to 1998	Pleasure-Way harness 1998 to now
BLACK	# 1	8	A ₁	WHITE	BLACK
BROWN	# 2	5	B ₂	YELLOW	BROWN
YELLOW	# 3	6	C ₃	ORANGE	YELLOW
ORANGE	# 5	2	F ₆	PURPLE	RED

At Generator Switch



Prior To '98 Unit



Junction Box	
Generator	In Box
Black	Black
White	White
Green	Green
Note: Green grounded to box	