

Pleasure Way

GENERATOR INSTALLATION

1998 units → 2004

Dodge

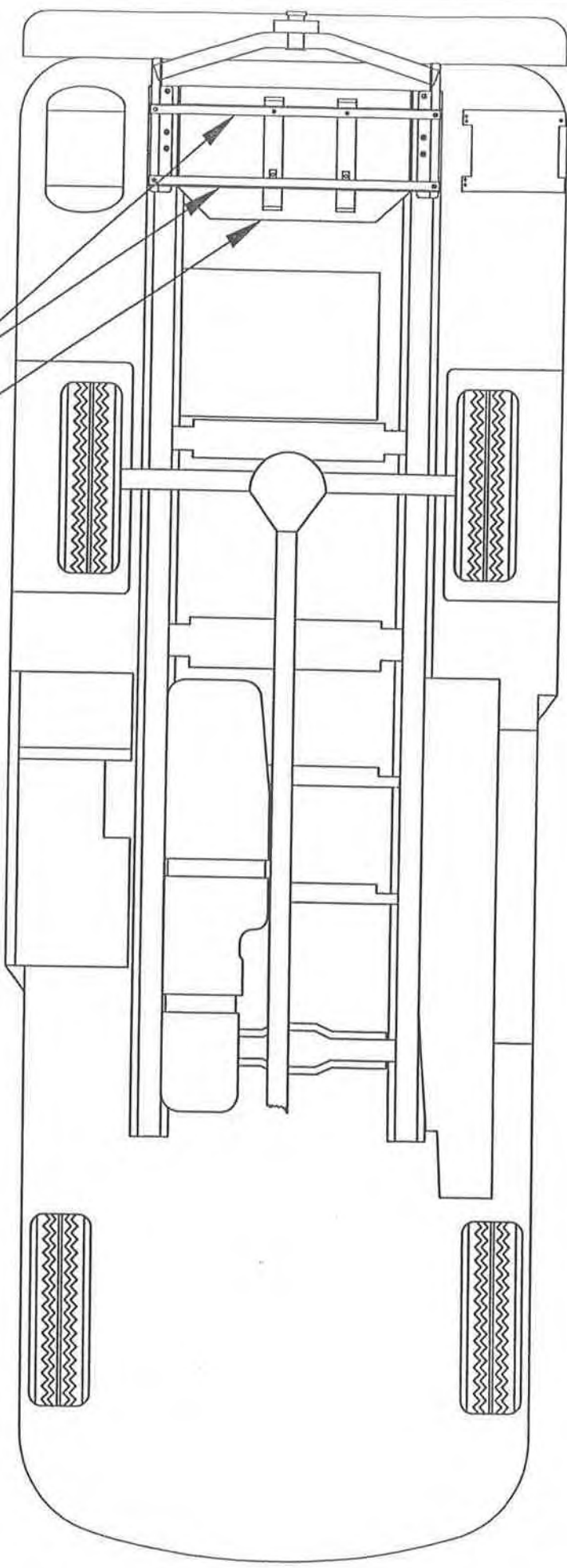
Read all instructions fully before proceeding.

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

1. Remove the generator mounting brackets (Figure A).
2. Drop the trunk compartment by removing 6 bolts located inside the compartment (Figure A)
3. Seal off the old trunk opening to prevent exhaust gases from entering the vehicle. Use a piece of 16 ga. sheet metal 20 ½" x 30" using plenty of silicone sealant at the joint and screw the plate securely to the vehicle with 8 x ½ self tapping screws.
4. Prepare the generator:
 - A) Install the quick connect plug supplied with the Onan generator to the 4 wire harness located along the bumper of the van (Figure B) by butt connecting color to color.
 - B) Hook up the fuel line (10 ft of 1/4" I.D. meeting SAE 30R7 Standards) to the generator fuel supply inlet and forward to the auxiliary fuel supply tap on the fuel tank (Figure B). It is a 5/16 dia. tube with a black rubber cap. Use a ¼ NPT male x 5/16 hose barb fitting and a ¼ NPT female x ¼ hose barb fitting screwed together back to back (Figure C) as an adapter between the fuel tap and the ¼" rubber line. A short piece of 5/16 rubber line will be required between the fuel tap and the 5/16 barb. Hose clamp all fitting to hose joints being particularly careful on the fuel tap not to over tighten the 5/16 rubber line to the 5/16 plastic tube.
5. A piece of black liquid-tite conduit passes through the floor (Figure B). Open up the end under the vehicle and fish the generator wires up to the junction box located inside the vehicle. Make the appropriate color coded connections. Remove the reset cover and replace with a 4" square blank.

6. Along the back of the van there is another set of wires (Figure B) that are 8 ga. red and 8 ga. white (these are the battery feed wires). 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).
7. Attach the generator to the mounting brackets and lift into place with a floor jack. Re-install all fasteners and washers then tighten.
8. Install the generator exhaust pipe (Figure D) so that it extends out past the side of the vehicle (Figure B) on the passengers side just forward of the battery compartment (It will require lengthening from it's stock length) and secure with exhaust hangers. We recommend Pleasure-Way Industries supply the modified pipe.
9. **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.

GENERATOR BRACKETS
TRUNK COMPARTMENT



VEHICLE AS VIEWED FROM THE BOTTOM UP

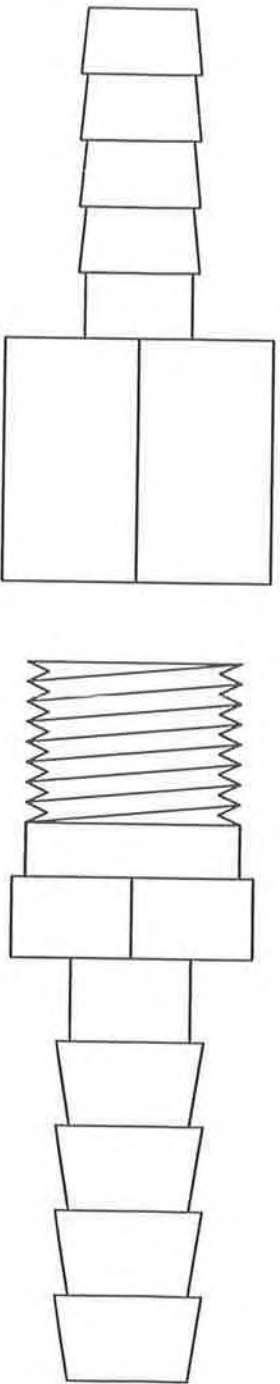
FIGURE A

DRAWN BY RAY REES
11-NOV-98

GENERATOR INSTALLATION
DO NOT SCALE

PLEASURE-WAY INDUSTRIES

FIGURE C



SCREW TOGETHER
END TO END

DRAWN BY RAY REES

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V-98

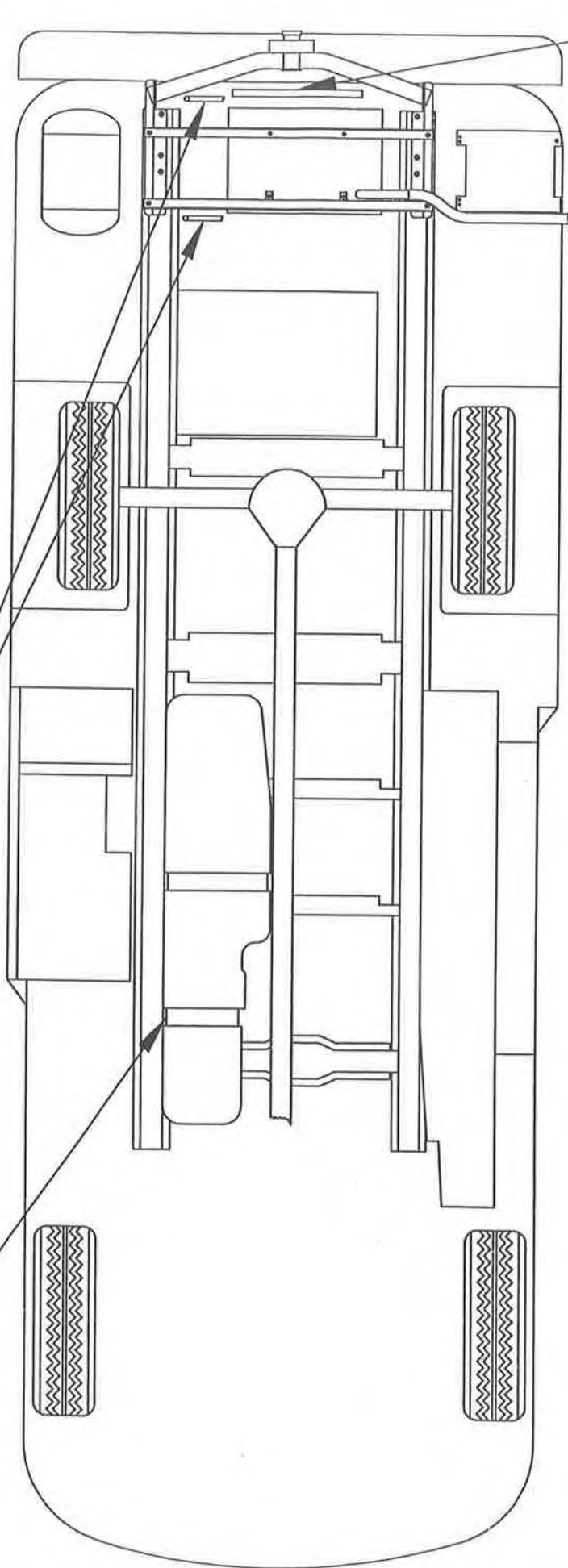
FUEL FITTINGS

DO NOT SCALE

PLEASURE-WAY INDUSTRIES

AUXILIARY FUEL TAP
LOCATED HERE

LIQUID-TITE FLEX CONDUIT
FOUND IN ONE OF THESE
LOCATIONS (DEPENDING ON MODEL)



EXHAUST PIPE LOCATION FORWARD
OF BATTERY COMPARTMENT AND
EXTENDING AT LEAST 1" PAST
VEHICLE BODY

WIRE HARNESS FOUND HERE

VEHICLE AS VIEWED FROM THE BOTTOM UP

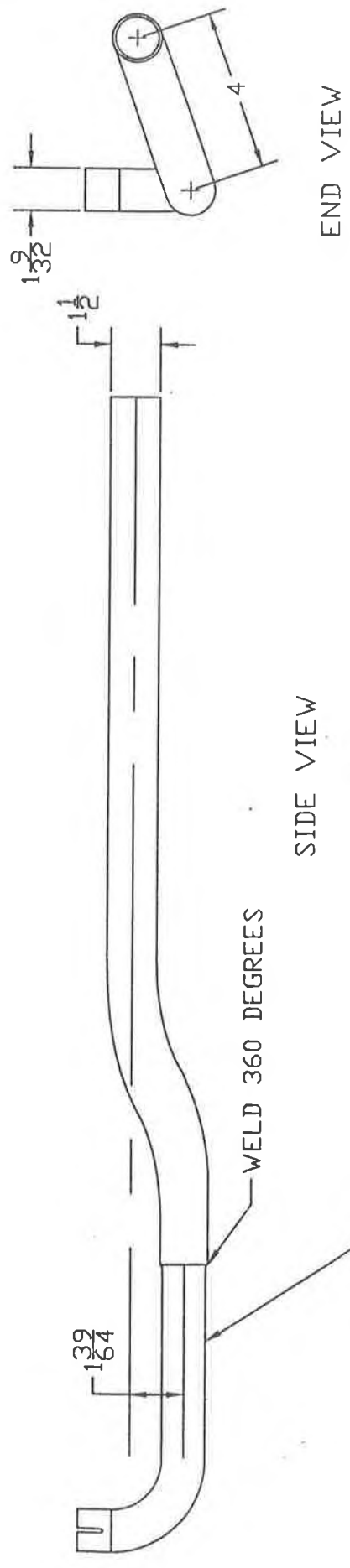
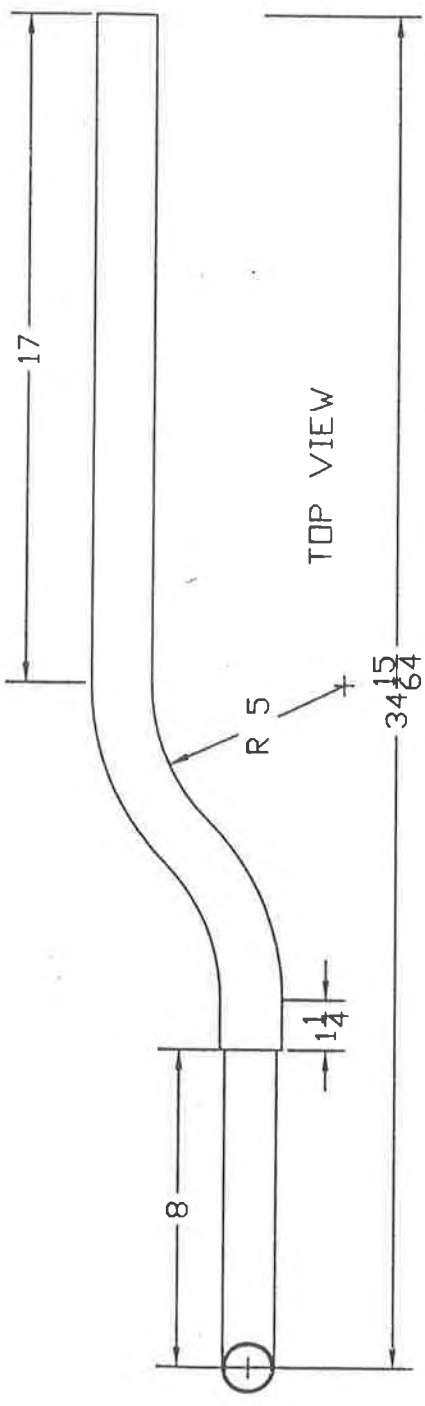
FIGURE B

(5) Instruction # 8

1/4" PIPE MUST EXTEND
1' PAST THE VEHICLE BODY
MARK FOR FINAL LENGTH
BY TEST FITTING

Part # 2679
2846

FIGURE D



THIS SHORT SECTION OF PIPE IS CUT FROM THE
PIPE SUPPLIED WITH THE GENERATOR

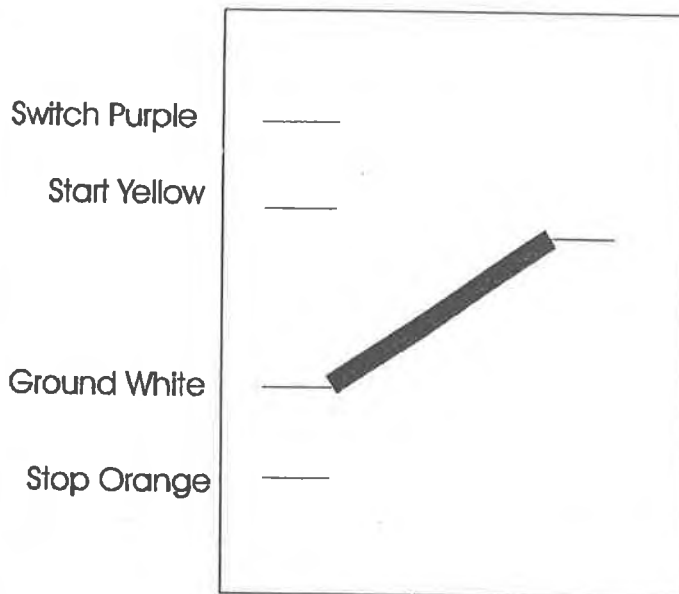
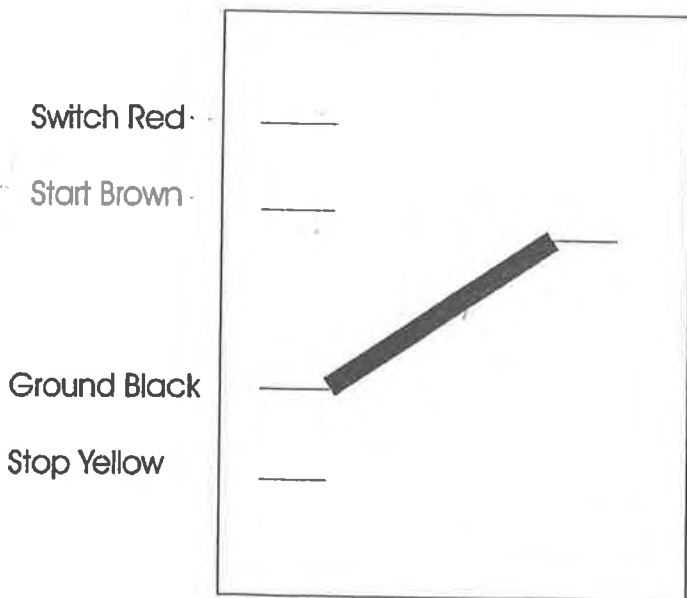
APPROXIMATE DIMENSIONS ONLY

ONAN GENERATOR SWITCH HOOK UPS

ONAN DESIGNATIONS				Pleasure-Way harness prior to 1998	Pleasure-Way harness 1998 to now
BLACK	# 1	8	A1	WHITE	BLACK
BROWN	# 2	5	B2	YELLOW	BROWN
YELLOW	# 3	6	C3	ORANGE	YELLOW
ORANGE	# 5	2	F6	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	