



SURFACE VEHICLE RECOMMENDED PRACTICE

J1449

MAY2015

Issued 1987-02
Reaffirmed 2015-05

Superseding J1449 AUG2009

Small Craft - Graphic Symbols

RATIONALE

J1449 has been reaffirmed to comply with the SAE five-year review policy.

1. SCOPE

This SAE Recommended Practice specifies graphic symbols for operator controls, gauges, tell-tales, indicators, instructions, and warning against risks in small craft and for engines and other equipment intended to be used in small craft.

2. REFERENCES

2.1 Applicable Publications

The following publication forms a part of this specification to the extent specified herein.

2.1.1 ISO Publications

Available from ANSI, 25 West 43rd Street, New York, NY 10036-8002, Tel: 212-642-4900, www.ansi.org.

ISO 4196 Graphical symbols—Use of arrows

ISO 7000 Graphic symbols for use on equipment—Index and synopsis

2.1.2 IEC Publication

Available from International Electrotechnical Commission, 3, rue de Verambe, P.O. Box 131, 1211 Geneva 20, Switzerland, Tel: +41-22-919-02-11, www.iec.ch.

IEC 60417 Graphical Symbols for Use on Equipment

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2.2 Related Publications

The following publications are provided for information purposes only and are not a required part of this document.

2.2.1 ISO Publications

Available from ANSI, 25 West 43rd Street, New York, NY 10036-8002, Tel: 212-642-4900, www.ansi.org.

ISO 3461	Graphic symbols—General principles for presentation
ISO 3864	Safety colours and safety signs
ISO 6309	Fire protection—Safety signs
ISO 8999	Reciprocating internal combustion engines—Graphic symbols

3. CONTENTS

This document contains symbols for:




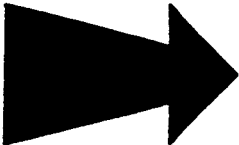

- a. Media
- b. Conditions
- c. Boat Components
- d. Marine Engine Components
- e. Boat Operation
- f. Engine Operation
- g. Warning, Caution, Malfunction
- h. Miscellaneous

4. SYMBOL COLORS



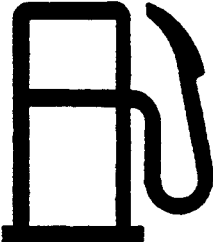
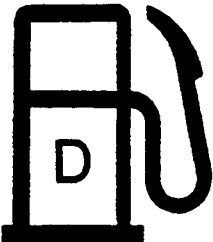
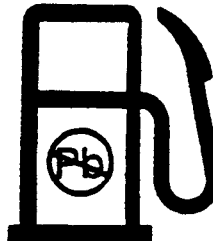
4.1 When colors are used in symbols, they shall have the following meanings:

- a. Red—Danger or unsafe or hot
- b. Yellow or Orange—Caution
- c. Green—Safe or normal

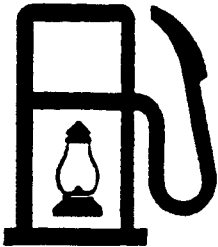
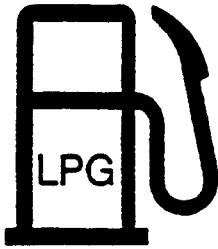
MEDIA

SYMBOL	NAME	APPLICATION
	Fresh Water. Fresh Water Based Coolant. ISO 7000/0536	To signify functions associated with liquid type coolant
	Air, General ISO 7000/0537	To indicate functions associated with the use of ambient air
	Intake Air (For Combustion) ISO 7000/1604	To signify functions associated with intake air
	Exhaust Gas ISO 7000/1605	To signify functions associated with exhaust gas
	Lubricating Oil ISO 7000/1056	To identify functions associated with lubricating oil

MEDIA

SYMBOL	NAME	APPLICATION
	Sea Water	To signify functions associated with sea water
	Waste Water Sewage	To signify functions associated with waste water or sewage
	Fuel General ISO 7000/0245	To signify the fuel quantity indicator To signify functions associated with fuel At the fuel fill to indicate a gasoline type fuel
	Diesel Fuel Variant of ISO 7000/1541	To signify functions associated with fuel At the fuel fill to indicate diesel fuel
	Unleaded Gasoline Variant of ISO 7000/0237	To signify functions associated with fuel At the fuel fill to indicate unleaded gasoline fuel

MEDIA

SYMBOL	NAME	APPLICATION
 A black silhouette of a fuel pump nozzle and hose. Inside the pump body is a small kerosene lamp.	Kerosene	To signify functions associated with kerosene At the fill to indicate kerosene type fuel
 A black silhouette of a fuel pump nozzle and hose. Inside the pump body is the text "LPG".	LPG ISO 7000/2489	To signify functions associated with LPG At the fill to indicate LPG fuel