

INCA MOLDED PRODUCTS, INC.

INSTALLATION

PERMANENTLY INSTALLED FUEL TANKS

Inca Molded Products, Inc. fuel tanks are manufactured for use with either gasoline or diesel fuel. Proper installation and use will provide years of trouble free service.

All fuel tanks are manufactured using a natural chemically crosslinked polyethylene and tested in accordance with USCG CFR 183.580 Subpart J.

The following instructions for installation and care of Inca fuel tanks should be followed closely. **DEVIATION FROM RESTRICTIONS AND SUGGESTIONS WILL VOID WARRANTY.**

INSTALLATION PROCEDURES

1. Install the tank in such a manner as to prevent shifting, chafing, cutting, bouncing, or puncturing. **ALL AREAS OF CONTACT WITH THE HULL, STRINGERS, BULKHEAD AND HOLDDOWNS SHOULD HAVE NEOPRENE PADDING BETWEEN THE TANK AND CONTACT POINT.** Allowances should be made for expansion. **ALL TANKS WILL EXPAND 2% IN ALL DIRECTIONS (LENGTH, WIDTH, AND HEIGHT) AFTER EXPOSURE TO FUEL.** Typical allowances for a tank measuring 39"L x 22"W x 10"H would be as follows 39.75"L x 22.50"W x 10.25"H.
2. Deformation of the tank as a result of the mounting procedures will void the warranty. All tanks must be fully supported during mounting. Do not install the tank in a location where it cannot be easily removed (such as removing floors or walls for repair or replacement.) **DO NOT FOAM THE TANKS IN PLACE!!**
3. All fuel tanks are UV stabilized and can be safely stored in the sun, however normal precautions should be exercised to prevent dust and other material from getting into the tank. Do not expose the tanks to temperatures greater than 180 degrees F.
4. Below floor tanks fitted with wooden blocks should have neoprene straps around the blocks to allow for expansion. Tanks should be located in the middle of the compartment and aluminum hold down clips should be installed at an angle that allows 3/8" clearance at the bottom of the tank. Stringers over the top of the tank should have neoprene padding between them and the tank.
5. Do not attempt to glue, weld, screw, heat or add fittings or metal fasteners onto the tank. Use only those fittings supplied with the tank. Do not solid plumb the tanks, use flexible lines. Thread sealants may be used if required.
6. Do not exceed 20 foot pounds of torque on the 3/8 MPT fitting or more than 35 inch pounds on the sending unit insert. This will give sufficient torque for sealing.
7. Installation engineering assistance is available from Inca Molded Products, Inc.