



Explosion Protection

BOATS WITH INBOARD GASOLINE ENGINES HAVE AN INCREASED RISK OF EXPLOSION

What's the risk?

Gasoline fumes / vapours may build up in confined spaces of a boat with an inboard engine — even after running the ventilation blowers for the four-minute minimum. These fumes / vapours can burn and, if exposed to a heat source, may ignite.

What's the solution?

Ignition protection uses a screening device to prevent spark(s) from reaching an area where fumes / vapours may build up.

Automotive vs Marine: What's the difference?

Automotive parts may work in your engine but they are not the same as marine engine parts. Automotive parts do NOT provide protection from spark(s) that may cause an explosion.



What's required?

All electrical components must be ignition protected. These include starters, alternators, distributors, solenoids, blowers, bilge pumps and any motor or device with access to a fuel source or fumes. This is described in Transport Canada's *Construction Standards for Small Vessels* (TP 1332E).

What's most important?

Protect yourself and your family from a boat explosion by making sure that every electrical component on your gasoline engine is ignition protected.

Bilge Pump



Starter



Blower Fan



Alternator



Distributor

