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a bow thruster especially in combination with a stern thruster is a most effective manoeuvring aid designed to handle the boat with utmost ease when mooring or leaving the quay or in the cramped space of a marina box while having to cope with bad currents or adverse winds

6 6 bow thruster control panels fit the control panel next to the steering position there must be at least 50 mm 2 space behind the panel if 2 bow thrusters have to be operated simultaneously for exam ple on a catamaran consult the diagram on page 110 this manual explains the different types of thrusters the parts tools and procedures required to install them the electrical system that supplies power to the thruster motors as well as maintenance and troubleshooting procedures view and download quick btq2512012 user manual online bow thruster btq2512012 boating equipment pdf manual download also for btq2512024 btq2514024 btq2524024 btq3025024 btq3027024 introduction this manual give guidelines for installing a vetus bow and or stern thruster from the bow pro series model bowb285 bowb300 and bowb320 the maximum continuous length of usage and the thrust view and download quick btq series installation and use manual online single and double propeller bow thrusters btq series outboard motor pdf manual download also for btq1102512 btq1253012 btq1254012 btq1403012 btq1404012 btq1805512 btq1805524 btq1807512 btq1807524 make sure that the user of the vessel is supplied with the owner s manual vetus operation manual and installation instructions bow thrusters bow9512c and bow9524c 020526 06 page 12 grease the threads of the bolts with outboard gear grease before outboard gear inserting and tightening them with the instructions contained in this manual failure to do so could result in poor product performance personal injury and or damage to your boat electric thrusters must be located in a dry environment the ip ignition protected version must be used electric bow thrusters use powerful electric motors it features commercial grade bow stern thrusters 5 to 490 horsepower efficient 7 inch to 48 inch counter rotating dual 4 blade kaplan props stainless steel construction for maximum durability reliability and safety counter rotating dual propellers provide the most thrust per input horsepower with more thrust smaller tunnel diameters are thruster assembly installation and user manual keep this manual onboard side power thruster systems 2175 nw 34th ave miami fl 33142 usa phone 786 621 3010 fax 786 621 3046 website yachtaidmarine com product category marine bow thrusters email info yachtaidmarine com https://yachtaidmarine.com/roductcategory/marinebothrusters/safety-maintenance-electrical-installation-diagram-power-cable-connections-spare-parts-diagram-spare-parts-list-troubleshooting-guide-worldwide-distribution-network-warranty-coverage-waranty-form-references-read-user-manual-online-pdf-format-download-this-manual-pdf-format-max-power-ct325-bow-thruster-instruction-manual-thruster-user-manual-to-download-your-language-go-to-side-power-com/port/bow-thruster-srp-user-manual-5922-4-2020-srp-user-manual-5922-4-2020-srp-user-installation-manuals-bow-stern-thruster-installation-manual-pdf-pt230-pt360-pontoon-thruster-installation-manual-pdf-houseboat-thruster-installation-manual-pdf-technical-documents-dual-joystick-programming-instructions-pdf-retractable-thruster-dual-joystick-programming-instructions-pdf-single-joystick-programming-instructions-pdf-4-se20-se25-se30-se40-5611-10-2020-en-thruster-measurements-mc-0121-measurement-code-measurement-description-mm-inch-mm-inch-mm-inch-mm-inch-id-internal-tunnel-diameter-110-4-33-110-4-33-125-4-92-125-4-92-140tt-300tt-gen-1-thrusters-b500100-iss6-owner-s-manual-product-literature-pdf-gen-2-thruster-systems-110tt-300tt-gen-2-thrusters-559231-issue-5-bow-thruster-bow3512c-35-kgf-ø-150-mm-1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-page-of-18-go-troubleshooting-bookmarks-advertisement-download-this-manual-bedieningshandleiding-en-installatieinstructies-operation-manual-and-installation-instructions-bedienuingshandbuch-und-einbauanleitung-manoeuvering-thrusters-bow

thrusters and stern thrusters are transversal propulsion devices built into or mounted to either the bow or stern front or back respectively of a ship or boat to make it more manoeuvrable lewmar thruster 110tt and 140tt 2 0 manual ref b10417 iss 2 5 3 3 preparing for fitting the thruster fig 3 3 1 fig 3 3 2 fig 3 3 3 fig 3 3 4 the thruster can be installed at any angle within 90 from vertical choose position of thruster ensuring internal room for motor and controls and that the propeller is easily reached from outside manuals 2 vetus service support manuals 2 category product group 87 97 kb pdf doc all purpose tank atank apt100 88 23 kb pdf doc ignition protected bow thruster bow55 di bow75 di bow95 di 88 12 kb pdf doc extraction ventilator vent 88 47 kb pdf doc inline extraction ventilator twinline 87 92 kb pdf 9 1 ex series as bow thruster 26 9 2 ex series as stern thruster 26 9 3 bow and stern thrusters combined 27 9 4 operation with multiple control elements 27 9 5 important user information 27 9 6 maintenance 28 9 7 troubleshooting 28 10 guarantee bond 29 11 appendix 11 1 dimension sheet ex series single 30 11 2

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with the instructions contained in this manual failure to do so could result in poor product performance personal injury and or damage to your boat electric thrusters must be located in a dry environment the ip ignition protected version must be used electric bow thrusters use powerful electric motors it

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## maneuvering thruster wikipedia

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manoeuvring thrusters bow thrusters and stern thrusters are transversal propulsion devices built into or mounted to either the bow or stern front or back respectively of a ship or boat to make it more manoeuvrable

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