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You can read the recommendations in the user guide, the technical guide or the installation guide for NILFISK BA 625. You'll find the answers to all your questions on the NILFISK BA 625 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

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BA 625, BA 725, BA 825



Kullanım Talimatları
Instructions For Use



Nilfisk Models: 56315800(625), 56315801(725)
56315802(725C), 56315803(825)

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 **Nilfisk**
setting standards



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Manual abstract:

@@ Read it thoroughly before operating the machine. @@ This product is intended for commercial use only. Repairs, when required, should be performed by your Authorized Nilfisk Service Center, who employs factory trained service personnel, and maintains an inventory of Nilfisk original replacement parts and accessories. Call Nilfisk for repair parts or service. Please specify the Model and Serial Number when discussing your machine. The Model and Serial Number of your machine are shown on the Nameplate in the battery compartment. This information is needed when ordering repair parts for the machine. Use the space below to note the Model and Serial Number of your machine for future reference. When the machine is delivered, carefully inspect the shipping packaging and the machine for damage. If damage is evident, save the shipping carton (if applicable) so that it can be inspected.

contact the Nilfisk Customer Service Department immediately to file a freight damage claim. Refer to the unpacking instruction sheet included with the machine to remove the machine from the pallet. Nilfisk uses the symbols below to signal potentially dangerous conditions. Read this information carefully and take the necessary steps to protect personnel and property. is used to warn of immediate hazards that will cause severe personal injury or death.

Is used to call attention to a situation that could cause severe personal injury. Is used to call attention to a situation that could cause minor personal injury or damage to the machine or other property. Read all instructions before using. Specific Cautions and Warnings are included to warn you of potential danger of machine damage or bodily harm. This machine should only be used by properly trained and authorized persons.

While on ramps or inclines, avoid sudden stops when loaded. avoid abrupt sharp turns. Use low speed down hills. clean only while ascending (driving up) the ramp. Keep sparks, flame and smoking materials away from batteries. Explosive gases are vented during normal operation. charging the batteries produces highly explosive hydrogen gas. Charge batteries only in well-ventilated areas, away from open flame. Do not smoke while charging the batteries. Remove all jewelry when working near electrical components.

Turn the key switch off (O) and disconnect the batteries before servicing electrical components. Never work under a machine without safety blocks or stands to support the machine. Do not dispense flammable cleaning agents, operate the machine on or near these agents, or operate in areas where flammable liquids exist. Do not clean this machine with a pressure washer. Do not operate this machine on ramps or inclines of more than a 2 percent gradient. Only use the brushes provided with the appliance or those specified in the instruction manual. The use of other brushes may impair safety. This machine is not approved for use on public paths or roads. This machine is not suitable for picking up hazardous dust. Use care when using scarifier discs and grinding stones.

Nilfisk will not be held responsible for any damage to floor surfaces caused by scarifiers or grinding stones. When operating this machine, ensure that third parties, particularly children, are not endangered. Before performing any service function, carefully read all instructions pertaining to that function. Do not leave the machine unattended without first turning the key switch off (O), removing the key and securing the machine. Turn the key switch off (O) and remove the key, before changing the brushes, and before opening any access panels.

Take precautions to prevent hair, jewelry, or loose clothing from becoming caught in moving parts. Use caution when moving this machine in below freezing temperature conditions. Any water in the solution, recovery or detergent tanks or in the hose lines could freeze, causing damage to valves and fittings. flush with windshield washer fluid. The batteries must be removed from the machine before the machine is scrapped.

The disposal of the batteries should be safely done in accordance with your local environmental regulations. Do not use on surfaces having a gradient exceeding that marked on the machine. All doors and covers are to be positioned as indicated in the instruction manual before using the machine. As you read this manual, you will occasionally run across a bold number or letter in parentheses - example: (2). These numbers refer to an item shown on this page unless otherwise noted. Refer back to this page whenever necessary, to pinpoint the location of an item mentioned in the text. NOTE: Refer to the service manual for detailed explanations of each item illustrated on the next 3 pages. If your machine shipped with batteries installed do the following: Check that the batteries are connected to the machine (25 / 25a). turn ON the Key Switch (A) and check the Battery Indicator (D5). If the gauge is completely filled, the batteries are ready for use.

If the gauge is less than full, the batteries should be charged before use. If your machine shipped without batteries installed do the following: Consult your Authorized Nilfisk dealer for recommended batteries. install the batteries by following the instructions below. DO NOT install two 12 volt batteries in your machine. Use extreme caution when working with batteries. Sulfuric acid in batteries can cause severe injury if allowed to contact the skin or eyes. Explosive hydrogen gas is vented from the batteries through openings in the battery caps. This gas can be ignited by any electrical arc, spark or flame. Do not install any lead-acid battery in a sealed container or enclosure. Hydrogen gas from overcharging must be allowed to escape.

*when Servicing Batteries. * Remove all jewelry * Do not smoke * Wear safety glasses, rubber gloves and a rubber apron * Work in a well-ventilated area * Do not allow tools to touch more than one battery terminal at a time * ALWAYS disconnect the negative (ground) cable first when replacing batteries to prevent sparks. Electrical components in this machine can be severely damaged if the batteries are not installed and connected properly. nilfisk , a qualified electrician , or the battery manufacturer should install batteries. 1 2 3 4 Remove the batteries from their shipping crate and carefully inspect them for cracks or other damage.*

@@@ Secure the batteries as close to the back of the machine as possible. install the battery cables as shown. Position the cables so the battery caps can be easily removed for battery service. Carefully tighten the nut in each battery terminal until the terminal will not turn. Do not over-tighten the terminals, or they will be very difficult to remove for future service.

Coat the terminals with spray-on battery terminal coating (available at most auto parts stores). Put one of the black rubber boots over each of the terminals and connect the Battery Pack Connector (25 / 25a). Turn the key switch off (O) and remove the key, before changing the brushes, and before opening any access panels.



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1 2 3 Make sure the Brush Deck (7) is in the RAISED position. Make sure the Key Switch (A) is off (O). To mount the Brushes (AA) (or pad holders) align the Lugs (BB) on the brush with the holes on the mounting plate and turn to lock in place (turn the outside edge of brush towards the rear of machine as shown (CC)). Turn the key switch off (O) and remove the key, before changing the brushes, and before opening any access panels. 1 2 Make sure the Brush Deck is in the RAISED position. Make sure the Key Switch (A) is off (O). Slide the brush into the housing, lift slightly, push and turn until it seats.

Fill the solution tank with a maximum of 20 gallons (76 Liters) of cleaning solution. Do not fill the solution tank above 7.5 cm (3 inches) from the bottom of the Solution Fill (1). The solution should be a mixture of water and the proper cleaning chemical for the job. Always follow the dilution instructions on the chemical container label. NOTE: EDS machines can either be used conventionally with detergent mixed in the tank or the EDS detergent dispensing system can be used. When using the EDS detergent dispensing do not mix detergent in the tank, plain water should be used. Lower the squeegee, move the machine ahead slightly and adjust the squeegee tilt using the Squeegee Adjustment Knob (21) so that the rear squeegee blade touches the floor evenly across its entire width and is bent over slightly as shown. @@@@Install and connect a Cartridge filled with clean water @@@@ NOTE: Only reset the system when the cartridge is full. @@@@Be sure you understand the operator controls and their functions.

While on ramps or inclines, avoid sudden stops when loaded. avoid abrupt sharp turns. Use low speed down hills. @@@@NOTE: This must be done prior to pressing the Scrub ON Switch (I). @@Hold this switch for 5 seconds for Extreme Scrub mode.

@@NOTE: There is a solution flow rate over ride function if you wish to increase solution flow without increasing scrub pressure. Hold the Solution Switch (B) for 3 seconds (solution indicator will start flashing) and then let go. You then have 3 seconds to set a different flow rate by simply pressing the Solution Switch (B) repeatedly until the Solution Flow Rate Indicator shows the rate you desire (Regular, Heavy or Extreme / see Control Panel). Any subsequent scrub pressure adjustments will reset the solution flow rate to default. NOTE: The solution, vacuum and detergent (EDS only) systems are automatically activated when the Scrub ON Switch (I) is pressed.

No further action is required other than lowering the squeegee (15). Any individual system can be turned OFF or back ON by simply pressing its switch at any time during scrubbing. If you have inst with debris. Allow buffing pads to dry completely before using again. NOTE: You can either remove the brushes manually or automatically by pressing and holding the Scrub OFF Switch (H) for 5 seconds (disk models only). remove the squeegee, rinse it with warm water and hang it up to dry. Check the maintenance schedule below and perform any required maintenance before storage. MAINTENANCE ITEM Charge Batteries Check/Clean Tanks & Hoses (clean recovery tank switches & vacuum inlet screen) Check/Clean/Rotate the Brushes/Pads Check/Clean the Squeegee Clean Hopper on Cylindrical System Purge the Extended Scrub System(if installed) Check Each Battery Cell(s) Water Level (does not apply to gel cell batteries) Inspect Scrub Housing Skirts Inspect and clean Solution Filter Clean Solution Manifolds on Cylindrical System Purge Detergent System (EDS only) Lubricate the Machine * Check Carbon Brushes * Have Nilfisk check the vacuum motor carbon motor brushes once a year or after 300 operating hours. The brush and drive motor carbon brushes check every 500 hours or once a year. NOTE: Refer to the Service Manual for more detail on maintenance and service repairs.

8 Store the machine in a clean, dry place. Have your Nilfisk Dealer check the carbon motor brushes once a year or after 300 operating hours. Motor damage resulting from failure to service the carbon brushes is not covered under warranty. Once a month, apply light machine oil to lubricate the: · Once per quarter, Grease the following · Charge the batteries each time the machine is used or when the Battery Indicator (D) is reading less than full. Do not fill the batteries before charging. charge batteries in a well-ventilated area. Do not smoke while servicing the batteries. when Servicing Batteries. * Remove all jewelry * Do not smoke * Wear safety glasses, rubber gloves and a rubber apron * Work in a well-ventilated area * Do not allow tools to touch more than one battery terminal at a time * ALWAYS disconnect the negative (ground) cable first when replacing batteries to prevent sparks. * ALWAYS connect the negative cable last when installing batteries.

If your machine shipped with an onboard battery charger do the following: Turn the Key Switch (A) OFF. Unwind the electrical cord from the side of the onboard charger and plug it into a properly grounded outlet. refer to the OEM product manual for more detailed operating instructions. If your machine shipped without an onboard battery charger do the following: Disconnect the batteries from the machine and push the connector from the charger into the Battery Pack Connector (25). follow the instructions on the battery charger.

SERVICE NOTE: Make sure you plug the battery charger into the connector with the handle attached to it. To avoid damage to floor surfaces, wipe water and acid from the top of the batteries after charging. Check the water level of the batteries at least once a week. After charging the batteries, remove the vent caps and check the water level in each battery cell. Use distilled or demineralized water in a battery filling dispenser (available at most auto parts stores) to fill each cell to the level indicator (or to 10 mm over the top of the separators).

Acid can spill onto the floor if the batteries are overfilled. tighten the vent caps. Wash the tops of the batteries with a solution of baking soda and water (2 tablespoons of baking soda to 1 liter of water). Do not smoke while servicing the batteries. Charge the batteries each time the machine is used or when the Battery Indicator (D) is reading less than full. Remove all jewelry Do not smoke Wear safety glasses, rubber gloves and a rubber apron Work in a well-ventilated area Do not allow tools to touch more than one battery terminal at a time ALWAYS disconnect the negative (ground) cable first when replacing batteries to prevent sparks. Your voltage regulated lead acid (VRLA) battery will deliver superior performance and life ONLY IF IT RECHARGED PROPERLY! If a VRLA battery is opened, it loses its pressure and the plates become oxygen contaminated. THE WARRANTY WILL BE VOIDED IF THE BATTERY IS OPENED. If your machine shipped with an onboard battery charger do the following: Turn the Key Switch (A) OFF. Unwind the electrical cord from the side of the onboard charger and plug it into a properly grounded outlet.



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refer to the OEM product manual for more detailed operating instructions. If your machine shipped without an onboard battery charger do the following: Disconnect the batteries from the machine and push the connector from the charger into the Battery Pack Connector (25). follow the instructions on the battery charger. SERVICE NOTE: Make sure you plug the battery charger into the connector with the handle attached to it. IMPORTANT: Make sure you have an appropriate charger for use on Gel cell batteries. A temperature-sensing charger is recommended, as manual adjustments are never accurate and will damage any VRLA battery. If the squeegee leaves narrow streaks or water, the blades may be dirty or damaged. Raise the squeegee tool off the floor, and then unsnap the Center Latch (19) on the squeegee tool. @@@@ to Reverse or Replace the Front Squeegee Blade. 1 Raise the squeegee tool off the floor, loosen the (2) Thumb Nuts (20), disconnect the Recovery Hose (28) and remove the Squeegee Assembly (12) from the mount.

2 Remove both rear Tension Straps (26) first. @@ 4 The squeegee blade has 4 working edges. @@@@ Adjust the squeegee angle whenever a blade is reversed or replaced, or if the squeegee is not wiping the floor dry. 2 While moving the machine forward slowly, turn the Squeegee Adjustment Knob (21) until the rear squeegee blade folds over evenly across the entire width of the squeegee as shown below. If the recovery tank float switch(es) become dirty it can impair their proper operation.

A dirty vacuum shut off switch can cause the vacuum motor to not function at all or to not shut off when the tank is full. Dirty extended scrub system switches can prevent the optional extended scrub system from functioning properly. If daily rinsing of the recovery tank does not suffice to keep the switches clean you may need to disassemble them for cleaning. It is very important that they be reassembled correctly in order to function. Float should move up & down freely.

Turn the Key Switch (A) OFF (O) and remove the key, before changing the brushes, and before opening any access panels. 1 Raise the Scrub Deck (7), turn the Key Switch (A) OFF and remove the key from the machine. 2 See Figure 7. Pull the Scrub Deck Bumper (9) UP to the top edge of the scrub deck so that it is not holding the skirt in place as shown. NOTE: Before removing the Scrub Deck Skirt (8) take note of which one of the 3 different levels of slots the skirt was installed at. Some machines have a large clamp which needs to be loosened and removed prior to removing the bumper. 3 To lower the skirt, move it down to the next level of slots as shown. Service Note: Install the skirt starting at the first alignment pin on the right as shown and work it around the deck in a counter-clockwise direction until it is on all alignment pins. 4 Pull the Bumper (9) back down over the Skirt (8). NOTE: Make sure the skirt alignment pins are inserted into the lower inside channel of the bumper and make sure the skirt does not slip off any of the alignment pins.

Skirt Alignment Pins should be in lower slot of bumper. Move skirt down to next level of slots to lower the skirt. Always install skirt starting from the first alignment pin on the right. Work skirt around in counter-clockwise direction. Circuit breakers protect electrical circuits and motors from damage due to overload conditions. If the button does not stay in, wait 5 minutes and try again. if the circuit breaker trips repeatedly, call Nilfisk for service. Possible cause for the Control Circuit Breaker (18) tripping may be: 1 Short circuit in the wiring - have your Nilfisk Service Technician service the machine Possible causes for the Wheel Drive Circuit Breaker (17) tripping may be: 1 Debris wrapped around the drive wheel axle. 1 2 3 4 5 Recovery tank full, vacuum shut-off switch activated or dirty Blocked vacuum system (squeegee and hoses) Disconnected or damaged vacuum hoses Incorrectly adjusted squeegee Recovery tank cover gasket damaged 1 2 3 Running the machine with dry brushes or pads (no cleaning solution) Incorrect brushes or pads for the application Debris caught in brushes (or pads) Dry seal cap on detergent cartridge not sealed. GB The undersigned certify that the above mentioned model is produced in accordance with the following directives and standards.



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