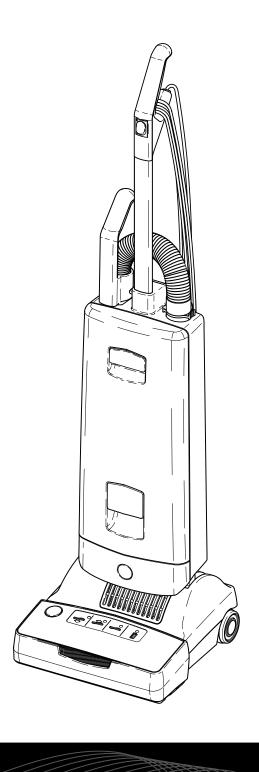


OWNER'S MANUAL

For Household Use Only



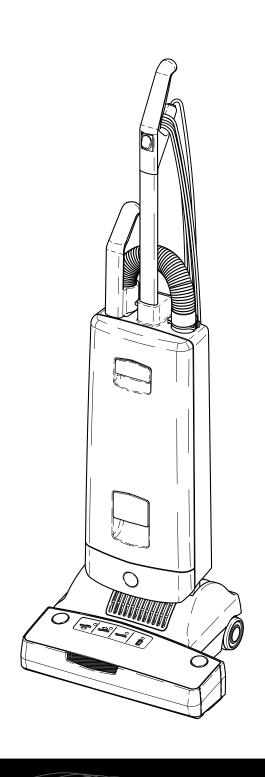


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TECHNICAL DETAILS

Vacuum motor 120 volts (12 amps)
Water lift (at motor) 91.5 inches
Airflow (at motor) 100.2 CFM

Filter bag capacity 1.4 gal. Sound level 69 dBA

Body weight X7-16.7 lbs / X8-16.9 lbs

Motor protection electronic cut-out

Working width X7-12 inches / X8-15 inches

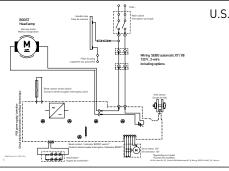
HOW TO CONTACT SEBO

To contact SEBO in the United States of America:

SEBO America, LLC Telephone: (800) 334-6614 Fax: (303) 792-9196 Website: www.sebo.us

For warranty coverage details please refer to your Warranty Card included with your SEBO vacuum cleaner.

WIRING DIAGRAM



U.S. Patents: 5,056,175 4,955,106

5,028,245

To contact SEBO in Canada:

SEBO Canada

Telephone: (877) 258-5005 Fax: (800) 270-4807

Website: www.sebocanada.ca

For warranty coverage details and to register your SEBO vacuum cleaner, go to www.sebocanada.ca

IMPORTANT SAFFTY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USING THIS MACHINE

When using an electrical appliance, basic precautions must always be followed.

To reduce the risk of electric shock, this vacuum cleaner has a polarized plug; one blade is wider than the other. This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet. Do not change the plug in any way. Connect only to the outlet type specified on the serial number plate underneath the machine.

WARNING: To reduce the risk of fire, electric shock, or injury:

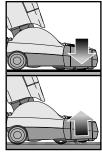
- 1. Do not leave vacuum while plugged in. Unplug from outlet when not in use and before servicing.
- 2. Do not use outdoors or on wet surfaces.
- 3. Do not use near small children or pets. Do not allow to be used as a toy. Use of this product by children should always be supervised by an adult.
- 4. Use only as described in this manual. Use only manufacturer-recommended attachments.
- 5. Do not use with a damaged cord or plug. If vacuum is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, take it to a SEBO service center.
- 6. Do not pull or carry by cord, use cord as a handle, close a door on cord, or pull cord around sharp edges or corners. Do not run vacuum over cord. Keep cord away from heated surfaces.
- 7. Do not unplug by pulling on cord. To unplug, grasp the plug not the cord.
- 8. Do not plug in if switch is in the "I" (ON) position.
- Do not use outlets above counters to plug in vacuum damage to items in the surrounding area could occur.
- 10. Always carry the vacuum over steps and sills.
- 11. Do not handle plug or vacuum handle with wet hands.
- 12. Do not put any object into vacuum openings. Do not use machine with any openings blocked. Keep openings free of lint, hair, and anything that may reduce air flow.
- 13. Do not re-use filter bags or wash the filters.
- 14. Do not remove any screws from vacuum.
- 15. Do not vacuum up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
- 16. Do not use vacuum without filter bag and/or filters in place.

- 17. Turn off all machine controls before unplugging.
- 18. Use extra care when cleaning on stairs.
- 19. Do not use machine to vacuum up flammable or combustible liquids such as gasoline or use in areas where they may be present.
- 20. Machines can cause a fire when operated near flammable vapors or materials. Do not operate this vacuum near flammable fluids, dust or vapors.
- 21. Maintenance and repairs must be done by qualified personnel.
- 22. Use only original SEBO replacement parts.
- 23. Do not use vacuum as a step.
- 24. If vacuum is used on plush carpet or carpet with thick padding, do not leave machine standing in one place with machine turned on.
- 25. Do not use the operator's handle, which inserts into the top of the bag housing, to carry the machine. The carrying handle is located on the backside of the machine's bag housing.
- 26. Keep hair, loose clothing, fingers, and all parts of body away from vacuum openings and moving parts. Do not place fingers or other body parts under vacuum unless it is unplugged.
- 27. Do not place the power head over rug or carpet edges.
- 28. The vacuum has a manual reset thermal protector. The protector is reset by switching off the vacuum. The thermal protector needs some time to cool down after switching off! Check the vacuum for air blockages or mechanical failures before switching on.
- 29. Store the vacuum in a dry place at room temperature. When the vacuum is not in use, you should wrap the cord on the cable hooks.
- 30. Any other servicing should be performed by an authorized service representative.
- 31. Always turn off this appliance before connecting or disconnecting power head with brush.

SFBO AUTOMATIC X PRODUCT FFATURES

Designed for All Floor Surfaces.

Automatic Height Adjustment for All Floors – Based upon the resistance of the brush roller against the floor, the power head automatically adjusts up or down to the appropriate cleaning height, providing optimal cleaning of all floor surfaces. The height adjustment chosen by the machine ensures aggressive brush action, while providing optimal air flow. This prevents suffocation of air flow due to improper height selection. Never again manually adjust the



brush height or use different vacuums for various floor surfaces; the SEBO X cleans them all, automatically!



Brush Adjustment Indicator Lights – Two lights, one for "up" and one for "down," illuminate to indicate when the brush roller is in the process of adjusting to the proper cleaning height. Optimum cleaning occurs when both lights are off.

Bag Full or Clog Light & Auto Shut Off – A warning light will illuminate and the machine will automatically shut off, when it senses a full bag, a clog in the airflow pathway, or an excessively dirty micro filter. If the user ignores this warning for approximately 30 seconds, the machine will shut off and the "BAG FULL OR CLOG" light will flash. The user should turn the switch off, unplug the machine and immediately insert a new bag or remove the clog (to remove a clog, refer to the Clog Removal section on page 10). If the user restarts the machine without having solved the problem, the "BAG FULL OR CLOG" light will again illuminate and the machine will shut off in 30 seconds. This feature prevents damage to the motor due to overheating.

Brush Deterioration Light – To ensure optimum cleaning at all times, a warning light will illuminate to indicate when the brush roller should be replaced due to excessive wear. The red "CHECK BRUSH" light will illuminate (after a 10 second delay) to notify the user that the brush roller is too worn and, therefore, should be replaced. The light will remain illuminated until the worn brush roller is replaced, but the machine will continue to operate.

Brush Obstruction Light & Auto Shut Off – A warning light will quickly flash, the brush roller will immediately stop spinning and the vacuum will shut off, if an obstruction becomes jammed in the brush roller. This prevents the belt from breaking and protects the motor from damage. The user should turn the switch off, unplug the machine and immediately remove the obstruction. If the user restarts the machine without removing the obstruction, the machine will again shut off in 3 seconds and the "CHECK BRUSH" light will flash.

Stationary Use Light – A warning light will slowly flash when the machine is standing in its upright locked position (which causes the power head to rise to its highest point from the floor) yet the brush remains in contact with the carpet fibers. This feature warns of potential carpet damage caused by excessive time in a stationary position, during which carpet fibers remain engaged with the brush, usually on medium to high pile carpet.

LED Head Lamp* - This feature provides illumination for the dark areas of a room.

* depending on model

Easy Brush Roller Removal – Quick brush cleaning or replacement is easy, and no tools are required!

Vacuum Motor - The AUTOMATIC X has a 1300 watt motor.

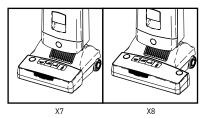
Instant-use Wand and Suction Hose – The integrated instant-use cleaning wand or suction hose is always ready. Just pull out either tool, or both together, to clean hard-to-reach corners, edges and crevices. The suction hose is ideal for cleaning furniture. And an optional nine-foot extension hose is available, which creates a total hose length of 15 feet, perfect for cleaning stairs. Choose from a range of optional attachments that can be fitted to the cleaning wand or hose. The wand and hose together have an eight-foot reach for instant cleaning of hard-to-reach areas.

A Flat-to-the-floor, 6-inch Profile – Such a low profile makes cleaning under furniture and beds easy!

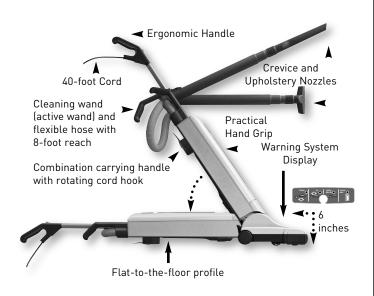
Forty-foot Cord – A 40-foot cord saves time because it minimizes the number of electrical outlets needed during use.

Lifetime Belt Warranty - No more changing belts...they should last the life of the machine!

Two Power Head Widths – The AUTOMATIC X7 power head is 12 inches wide, with a cleaning width of $10\frac{1}{2}$ inches. The AUTOMATIC X8 power head is 15-inches wide, with a cleaning width of $14\frac{1}{2}$ inches.



Three On-board, Full-size Tools and Large Filter Bag – The vacuum comes standard with a crevice nozzle, dusting brush and upholstery nozzle. Many optional accessories are also available. The filter bag is also SEBO's largest, with a dirt capacity of 1.4 gallons.

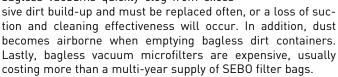


STANDARD FEATURES OF ALL SEBO VACUUMS

SEBO's FILTRATION SYSTEM:

Bagged vs. Bagless . . . Bags are Better! – Top-fill, three-layer AeraPure™ bags are an integral part of SEBO's filtration system because they hold virtually all the dirt captured by the vacuum, which improves the effectiveness and useful life of the microfilters. They also ensure continuously strong suction because dirt enters from the top, deposits at the bottom, accumulates upward, and air exits through the sides, which allows unimpeded airflow as they fill to capacity. And they can be tightly sealed with a hygiene cap when full, so no dust can escape into the air during bag removal and disposal.

In contrast, without bags to hold nearly all the captured dirt, the microfilters on bagless vacuums quickly clog from exces-



S-class, Pre-motor and/or Exhaust Microfilters - S-class, Pre-motor and Exhaust Microfilters (S ="Schwebstoff" = airborne particles) are made from electrostatically charged, micro-fiber material, which attracts and captures dust particles from the airflow of the vacuum before and after it



passes over the motor to cool it. Cooling the motor with superclean air increases motor life and reduces the possibility of maintenance, even after many years of use. Also, the exhaust air is cleaned to the highest level before being emitted from the machine. The S-class Standard requires filters to absorb greater than 99.9% of particles down to 0.3 microns in diameter. For comparison, 100 microns is the diameter of a human hair. Their advantages are a relatively open texture that allows smoother airflow for better suction performance, a longer life expectancy, and they cost less than HEPA filters.

HEPA, Pre-motor and/or Exhaust Microfilters (Optional) – HEPA Microfilters ("High Efficiency Particulate Air") remove a minimum of 99.97% of all airborne particulate matter down to 0.3 microns in diameter. Because these filters use small, grid-like structures to capture dust particles, dirt build-up clogs the airflow pathway sooner than what is expected from S-class microfilters. However, SEBO's HEPA microfilters are sold along with three-layer AeraPure™ bags, which provide highly effective filtration before the airflow goes through the HEPA microfilter, greatly increasing life expectancy and reducing the potential of diminished air flow.

Designed and Manufactured in Germany – Legendary quality, reliability and performance make SEBO vacuums the first choice of cleaning professionals throughout the world.

World's Best Pet Vacuums – Because of superior power-head and brush-roller technology, SEBO vacuums are the world's best for pet hair removal!

Tightly Sealed Vacuums Ensure Effective Filtration – Dirty air, which flows through a vacuum, can only be filtered completely if it does not escape into the room through seams or seals in the machine. This is why all SEBO vacuums have tight seals throughout.

Many vacuum companies with high-filtration claims are actually quoting specifications made by the manufacturer of the filter material, as measured in the laboratory, not the filtration effectiveness of the vacuum itself while operating. Whether or not dirty air can escape through leaks in the body of the machine is not considered. The filtration effectiveness of SEBO vacuums is tested while they operate.

Reliable, Commercial-grade Components – All SEBO vacuums are constructed with thick, reinforced, ABS plastic, aluminum and metal parts, steel axles and bearings, and highend, quality motors. Therefore, SEBO users own reliable, longlasting vacuum cleaners. Competing vacuums are made with thin, flimsy, inexpensive, plastic materials, none of which are reinforced, and typically have useful lifespans of one or two years.

Rubber Wheels and Soft Bumpers Protect Homes – Smooth-gliding, rubber wheels protect hard floors and provide exceptional maneuverability. In addition, the bumpers that surround the power heads and the soft AIRBELT bumpers that surround SEBO's canisters protect furniture, walls, and vacuum housings from incurring scuffs and scratches during use.

Advanced, Brush-Roller Technology – SEBO's brush rollers are uniquely designed to funnel hair and debris into the power head's airflow channel, which improves vacuum cleaning performance on all flooring surfaces.

Changing Bags is Easy and Clean - SEBO filter bags can be changed in just a few seconds, and a hygiene cap keeps dust sealed inside during removal and disposal.

Save Money! SEBO Vacuums Last for Years and Extend Carpet Life! – If properly maintained, SEBO vacuums save ordinary, residential users hundreds of dollars, by providing excellent performance for ten to fifteen years or more, and their deep-cleaning, power-brush technology extends the life of carpets. Typical vacuums perform poorly, even when new, and usually do not last beyond two years. So six or seven "disposable vacuums" must be purchased during the average life expectancy of just one SEBO machine.

Incredible Warranty Coverage – All SEBO models include a FREE seven-year warranty on the motor and five-years on non-wear parts and labor charges.

OPTIONAL ATTACHMENTS, ACCESSORIES, BAGS & FILTERS

In addition to the standard on-board tools, a variety of optional attachments are available. The 9' 2"extension hose (extends suction hoses) and the 22" extension wand (extends instant-use wands) are very popular because they create useful tools for cleaning stairs and out-of-reach areas. These two items are sold separately or as part of multiple item attachment kits.

Another popular attachment is the hand-held turbo brush for removing pet hair from upholstery. SEBO AeraPure™ filter bags can be purchased in boxes of eight and filters are sold separately. SEBO bags, filters and accessories are reasonably priced and widely available. To create a fresh scent while vacuuming, SEBO FRESH is available. To use, deposit a scented stick in the filter

Dusting Brush Horsehair Bristles #1387GS

Crevice Nozzle #1092GS

ATTACHMENTS



Upholstery Nozzle #1491GS

Color Exceptions: X7 Premium Pet, Black -Crevice Nozzle #1092SW & Upholstery Nozzle #1491SW

(7 Premium Per Also Included

Hand-held Turbo Brush #6179ER



Pre-motor Anti-odor Microfilter #5425AM



Optional

22" Extension Wand* #1084GS



9' 2" Extension Hose* #1495AM



Parquet Brush* #1359GS

*All three items are available individually or as a three-piece attachment kit, #1991AM.

Additional



Hand-held Turbo Brush #6179ER



Flat Upholstery Nozzle #1090HG



Wall & Floor Brush #1325GS

24" Crevice Nozzle #1093JV



Radiator Brush #1496GS



Dusting Brush Nylon Bristles #1329GS



Dusting Brush Large Opening **Nvlon Bristles** #1094GS

BAGS, FILTERS, ACCESSORIES AND WEAR ITEMS





Exhaust Microfilter** #52038AM



Pre-motor S-class Microfilter** #5036AM

Sealing Strip* 12" #5400-1 15" #5400-2



**Service Box contains 8 Bags, an Exhaust Microfilter, a Pre-motor Microfilter. and a Sealing Strip. #51828AM



Pre-motor Anti-odor Microfilter #5425AM



HEPA Service Box contains 8 Bags, an Exhaust Microfilter. and a Pre-motor HEPA Microfilter. #51829AM





Brush Roller #5010AM Soft Bristles

#5010GE



15" Brush Roller Set #5290AM Soft Bristles

#5290GE







SEBO FRESH Vacuum Scents 1 pkg of 8 scent sticks Orange Blossom #4290C Pink Roses #4291C English Garden #4292C

IDENTIFICATION OF PARTS

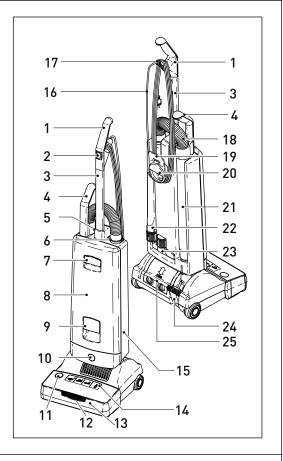
- 1. Handle grip
- 2. On/Off switch
- 3. Handle assembly
- 4. Cleaning wand handle
- 5. Handle catch
- 6. Retaining ring
- 7. Cover release flap
- 8. Front cover
- 9. Carrying handle
- 10. Housing release button
- 11. Brush roller release button
- 12. Head lamp*
- 13. Power head with brush
- 14. Display
- 15. Bag housing
- 16. Cable (cord)
- *Depending on model

- 17. Upper cable (cord) hook
- 18. Attachment hose
- 19. Cable (cord) hook
- 20. Carrying handle
- 21. Cleaning wand (active wand)
- 22. Crevice nozzle
- 23. Upholstery nozzle
- 24. Foot pedal
- 25. Exhaust filter cover
- 26. Dusting brush clamp
- 27. Dusting brush
- 28. Swivel neck
- 29. Support lever
- 30. Connecting tube
- 31. Protruding tab
- 32. Hose release button



Standard Attachments

- 22. Crevice nozzle
- 23. Upholstery nozzle
- 26. Dusting brush clamp
- 27. Dusting brush



ASSEMBLY

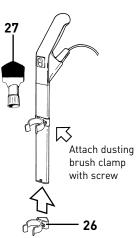
Place the power head (13) on the floor with the swivel neck (28) and the support lever (29) upright. Hold the bag housing (15) vertically and place it over the swivel neck (28) and support lever (29). Push firmly and **evenly** down so that the housing release button (10) snaps outward to its "locked" position.

Slide the dusting brush clamp (26) onto the handle tube and tighten the screw. The handle of the dusting brush (27) will now snap into the clamp.

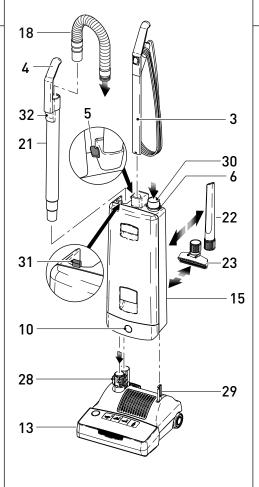
To lock the handle (3) to the bag housing (15), turn the handle catch (5) at the handle joint of the bag housing (15) forward to "open" position. Then slide the handle assembly (3) in as far as possible and lock it in by turning the handle catch to the closed position.

Push the black end of the attachment hose (18) into the connecting tube (30) so that it clicks into place. Insert the cleaning wand (21) into the swivel neck (28) and push the handle (4) over the protruding tab (31).

Insert crevice nozzle (22) and upholstery nozzle (23) into the recesses in the back of the machine.



NOTE: All illustrations shown in this manual represent the X7 model except where part numbers and instructions are different for each model. In those instances, illustrations for both the X7 and X8 will be shown.



OPERATING INSTRUCTIONS

Starting The Machine - Figures 1 & 2

Before turning on your vacuum cleaner, make sure that the vacuum handle is in its upright locked position and that you have a firm hold on the handle grip to keep the machine from moving forward.

- 1. Turn the quick release cable hook (#19, figure 1) to the up positionby moving it to the left or right.
- 2. Release the power cord plug from the power cord and lift the cord off of the upper cord hook (#17, figure 2).
- 3. With the switch (#2, figure 2) in the "0" (OFF) position, plug the polarized power cord into a 120 volt outlet located near the floor.

Switch Position

0 = 0FF

I = ON

NOTE: The AUTOMATIC X is equipped with a soft start system. The gradual power-up extends vacuum life.

Operating the Machine - Figure 3

When the machine is switched on with the handle in the upright locked position, the power head and brush automatically rise from the carpet. To release the machine from the upright locked position, press down on the foot pedal (24) and lower the handle into the normal operating position. The power head and brush will automatically lower to the appropriate height.

Using the Cleaning Wand, Hose & Attachments - Figures 4, 5, 6 & 7

The cleaning wand (21) is useful for vacuuming corners and hard-to-reach areas. The handle grip (1) should be in the upright, locked position (as shown in figure 4). Grip the

cleaning wand handle (4), pull it up and away from the machine and stretch out the hose (18) until it locks to the back of the tube (this locking action will prevent the hose from retracting back into the cleaning wand while it is in use). Various attachments may be inserted onto the end of the tube. After use, remove attachment and re-insert the cleaning wand into the back of the machine. Be sure that the cleaning wand handle (4) is inserted over the protruding tab (31) as shown in figure 6. If the cleaning wand handle is properly seated over the protruding tab, the hose will automatically retract and you may resume vacuuming. There is no need to turn off the vacuum while switching from upright vacuuming to using the cleaning wand or hose.

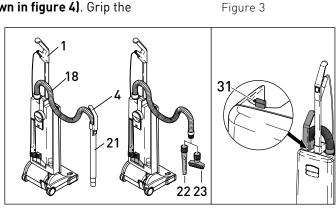


Figure 2

Figure 1

Figure 4 Figure 5 Figure 6

WARNING! The quality, condition, coating, texture, age and manufacturing technique of all floor surfaces vary. Therefore, upright vacuums with rotating brushes, including your SEBO, may damage some floor coverings or surfaces. Some types of high-gloss hardwood floors, cushion vinyl, berber carpets, long shag, and delicate or hand-woven carpets are particularly vulnerable to damage by rotating brushes. When possible, consult the materials supplied by your floor's manufacturer for information on proper upkeep and cleaning. To ensure that your new SEBO vacuum cleaner is compatible with your floor, please test the vacuum cleaner on each type of flooring surface in a small inconspicuous area to determine if any damage occurs. If damage occurs, stop using the vacuum cleaner immediately! The standard brush roller on your SEBO vacuum is appropriate for most types of floor surfaces. However, a soft-bristle brush roller (X7 part # 5010GE or X5 part # 5290GE) that is designed for use on sensitive looped-pile carpets and/or hard floors is available for an additional charge. As with the standard brush roller, you should test the machine using the soft-bristle brush roller in an inconspicuous area prior to wide-spread use. The soft-bristle roller will wear more quickly than the standard brush roller, so it will need to be replaced more often. Also, because the bristles are softer, the height adjustment on the machine will be slightly lower than normal.

Care must be taken to ensure that the bottom of the machine does not contact the floor. If this happens, damage to the floor could occur. If damage occurs, stop using the vacuum cleaner immediately!

To use the hose without the cleaning wand (as shown in figure 5), pull the hose out of the cleaning wand while the tube is still attached to the machine and securely seated over the protruding tab (31 figure 6). Insert an attachment tool, if desired, onto the end of the flexible hose. You may also release the hose while the cleaning wand is disengaged from the machine by pressing the hose release button (32) at the base of the cleaning wand handle (4).

While using attachment tools, if the power head brush roller is not able to disengage from the floor surface, the stationary-use warning light will flash. You may keep the brush roller off the carpet by placing the handle (1) in its upright locked position and lowering the handle with one hand to raise the brush roller off of the floor. Operate attachment accessories with the other hand. Or, with the handle in the upright locked position, the machine may be tipped backward so that it rests against furniture or the floor on the back side of the bag housing (15), and the power head is locked in a perpendicular position to the floor. Ensure that no children or pets can come into contact with the spinning brush roller.

To vacuum walls, under beds, or higher-reach areas, etc., the SEBO AUTOMATIC X can be fitted with an optional straight tube (33) and the optional wall and floor brush (34). The machine will then perform as a canister vacuum (as shown in figure 7).



Green light (a): Brush is lowering Green light (b): Brush is rising

Red light (c): Flashing and motor off - brush jammed - clear jam
Red light (c): Flashing and motor on (when machine is in upright,
locked position) - Take care, brush in contact with carpet

Red light (c): Continuous – change brush roller Red light (d): Continuous – change bag or clear clog

Red light (d): Flashing – motor switched off due to full bag or clog

For more information on the display panel, see pages 4 and 5.

Boost Function* (X7 Premium and X7 Premium Pet) - Figure 9

For high energy efficiency and deep cleaning of the carpet, the SEBO AUTOMATIC X7 Premium and X7 Premium Pet vacuums are equipped with a boost button (35). Press the button (35) by hand to activate the boost function. Once activated, the button will illuminate green. To deactivate the boost function, press the boost button again.

NOTE: The boost function will be automatically deactivated when the machine is turned off. After switching on the machine again, the boost function has to be activated separately.

* Depending on model

The Adjustment Wheel - Figures 10 & 11

On hard floors (figure 10), the adjustment wheel (36), moves upward into the machine so that the brush lowers and becomes flush with the floor.

On carpeted floors (figure 11), the adjustment wheel (36) moves downward out of the machine so that the brush rises. The adjustment wheel moves up and down automatically to adjust the brush to the correct setting. This provides aggressive brush action, while maintaining optimal air flow.

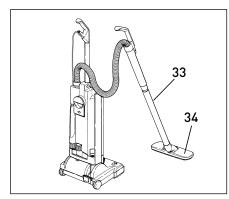


Figure 7

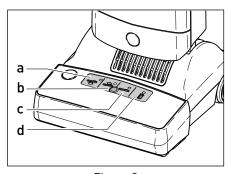
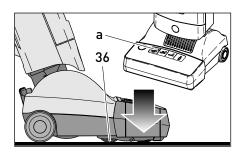


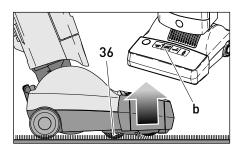
Figure 8



Figure 9



Hard Floor - Figure 10



Carpeted Floor - Figure 11

VACUUM MAINTENANCE



Always unplug vacuum from outlet before dismantling any part of machine!

Changing the Filter Bag - Figures 12 & 13

To change the filter bag (37), pull the cover release flap forward (7) and lift the front cover (8) from the bag housing. The cover release flap must remain in a forward "pulled-out" position to change filter bags and lock them into place. Squeeze the clamps on both sides of the filter bag sealing plate (38), slide the plate from the holder (39) and push the cap (40) on to seal the bag. Slide the sealing plate (38) of a new bag into the holder and push it in firmly. Re-insert cover into bag housing, push it forward, then lock it in place by pushing down the cover release flap. You may find it convenient to store the bag cap inside the bag housing below the filter bag.

Changing the Pre-motor Microfilter -Figures 12 & 14

The pre-motor microfilter (40) needs to be changed when it becomes extremely dirty or clogged with dust, or after approximately 20 filter bags have been used. To change the pre-motor microfilter, pull the cover release flap (7) forward and lift the cover (8) from the filter bag housing. Then, slide the filter out at the bottom. To replace, lift the safety lever (41) and slide the new filter in using the tracks as guides.

Changing the Exhaust Microfilter - Figures 15 & 16

After 20 bags have been used, change the exhaust filter (42). To remove the exhaust filter, squeeze the filter door release buttons (43) toward the middle and remove the filter cover (25). Unhook the filter tab (A) from the catch (B) and pull the filter out. Slide the closed end of the new filter into the machine. Fit filter opening (C) to the air channel (D) and lock the filter tab (A) onto the catch (B), making sure it is smooth Exhaust Microfilter and flat. The correct positioning of the filter can be checked by looking through the slots (E) on the front of the powerhead. Slide the filter cover (25) into the top of the opening and move it downward until it clicks into place.

Changing the Brush Roller(s) - Figure 17 (X7), Figure 17a (X8)

To change the brush roller(s) (45, 45a), push the brush roller release button(s) (11, 11a), remove the side plate(s) (44, 44a), turn the brush(s) clockwise a quarter of a turn, and pull the old brush roller(s) out. Slide the new brush roller(s) into the brush housing and turn it until it locks into position. While slightly pushing the button(s) (11, 11a), press the side plate(s) (44, 44a) back into the locked position.

Changing the Sealing Strip - Figure 18

The sealing strip (46) is located just behind the brush roller opening. The sealing strip seals the power head to hard floors to prevent kick-back of debris while vacuuming. To replace a worn sealing strip, push the brush roller release button(s) (11, 11a), remove the side plate(s) (44, 44a) and slide the old strip out. Insert the new strip into the slot and slide into place.



Pre-motor Microfilter Part #5036AM

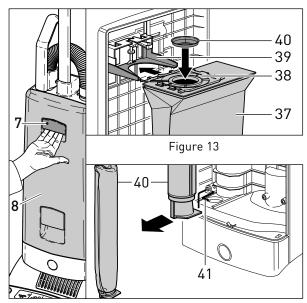


Figure 12

Figure 14

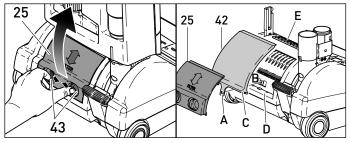


Figure 15

Figure 16



Part #52038AM

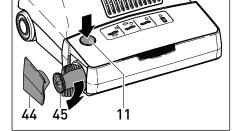


Figure 17 (X7)



Brush Roller (X7)



Brush & Edge Roller (X8) Part #5290AM

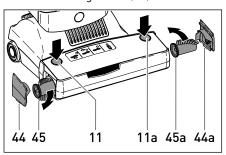


Figure 17a (X8)



Sealing Strip Part #5400-1 (X7) Part #5400-2 (X8)

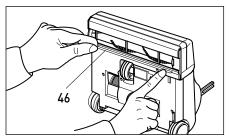


Figure 18

CLOG REMOVAL

A

Always unplug vacuum from outlet before removing any clogs!

Clogs in the Airflow Pathway - Figure 19

Most clogs can be removed by accessing the airflow pathway via the orange colored access door [48] located on the underside of the power head. However, other clogs may only be removed by accessing the airflow pathway by disassembling the machine in the opposite sequence of the machine's original assembly (see assembly, page 7).

Clogs in the Attachment Hose - Figure 20

Blockages in the hose can be cleared by removing the attachment hose [18] from the machine by squeezing the retaining ring [6] and inserting the opposite end of the hose in the connecting tube [30]. Hold the hose upright with one hand blocking the top end and switch on the machine. If necessary, quickly lift your hand on and off the end of the hose. If this procedure does not clear the clog, a straight wire can be inserted into the hose to push out the clog. Take care not to puncture the hose with the wire.



Remove attachment hose (18) from the cleaning wand (21). Then, grip cleaning wand handle (4) and remove tube from the machine. A straight wire can be inserted into the tube to push out the clog.

Clogs in Entrance to Filter Bag - Figure 22

Remove attachment hose (18) from vacuum cleaner (see figure 20) and remove front cover (8). Clean out connecting tube (30) and/or entrance to bag (49).

Clogs in the Swivel Neck - Figure 23

Clogs in the swivel neck (28) can be removed by first pressing the housing release button (10) and lifting off the bag housing (15). Lift upward firmly and evenly to properly remove the bag housing. Then, release the foot pedal (24), lower the swivel neck, check inside the swivel neck channel closest to the foot pedal (see arrow), and clean out pathway.

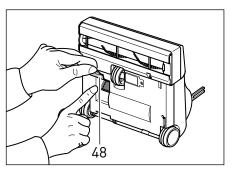


Figure 19

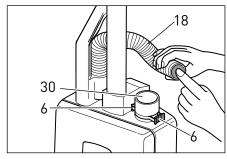


Figure 20

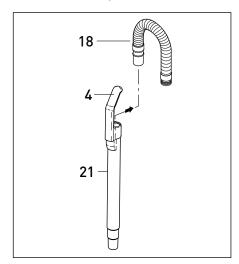


Figure 21

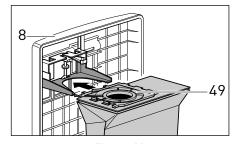


Figure 22

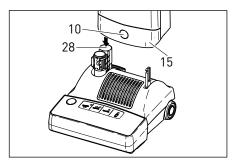
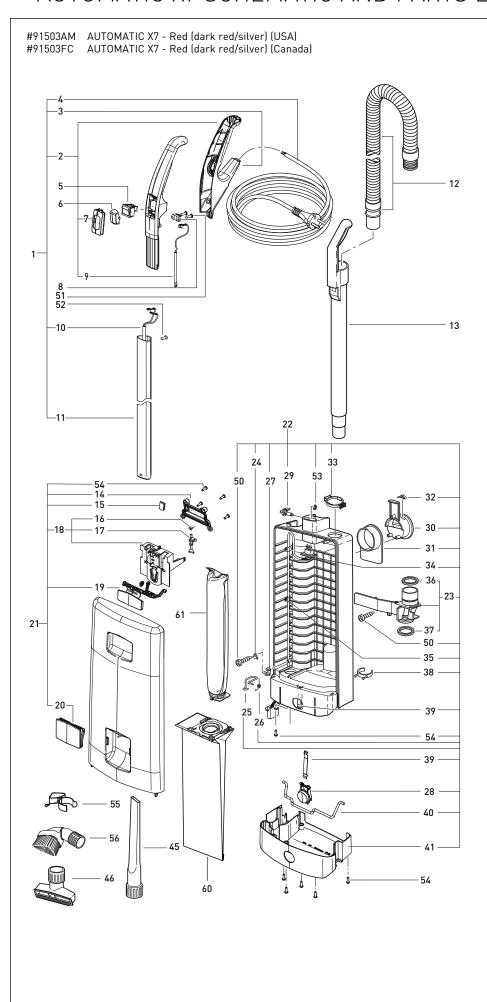


Figure 23

TROUBLE-SHOOTING GUIDE

PROBLEM	REASON	SOLUTION
Does not turn on or machine shuts off	Handle not fully inserted into the bag housing, causing a faulty connection.	Release handle catch, push handle down, close handle catch.
intermittently	2. Not plugged into good outlet.	2. Use another outlet.
	3. Cable worn.	3. Replace cable.
	4. Bag housing (15) not seated fully into proper "locked" position on top of power head.	4. Housing release button (10) should be snapped outward to its locked position.
Bag full or clog light on or flashing &	1. Bag full.	1. Replace bag. See Bag Replacemen on page 10. Also see page 4.
machine shuts off	Clog in airflow pathway, attach- ment hose, cleaning wand, swivel neck or entrance to filter bag.	2. See Clog Removal on page 11. Also see page 4.
	3. Microfilter dirty.	3. Replace microfilter. See page 10.
Brush light on	1. Brush worn.	1. Replace brush. See page 10. Also see page 4.
Brush light slowly flashing	Vacuum is stationary and in upright locked position.	1. See pages 8 and 9.
Brush light flashing & machine shuts off	1. Brush jammed.	1. Shut off the power switch, unplug the machine and pull the obstruction from the brush roller. Also see page 4.
Up & down lights flicker	1. Operating on uneven floor.	1. Ignore.
Does not pick up	Cleaning wand not properly inserted.	Reinsert cleaning wand, making sure lower end of tube is in the lower hole and handle is properly seated over the protruding tab (31).
	2. Front cover not closed.	2. See below.
Front bag door won't fully close	1. Cover release flap not fully closed.	Reinsert bag. Lock the cover release flap down firmly.
rutty ctose	2. Bag not inserted properly	2. Reinsert bag with cover release flap (7) up, until firmly latched in bag holder.
	3. Microfilter not properly inserted.	Lift safety lever and insert filter with vertical plastic ridge on filter facing you.
Hose doesn't retract after cleaning wand is inserted	Cleaning wand not properly inserted.	1. Reinsert making sure top of handle is pointing back and tube is fully seated on the protruding tab (30) on top of the bag housing. See page 8, figure 6.

AUTOMATIC X7 SCHEMATIC AND PARTS LIST



#915	03AM	, #9150	3FC A	UT	OMATIC	Х7	Red	Machir	١e

Bag Housing and Handle						
#915	#91503AM, #91503FC AUTOMATIC X7 Red Machine					
Pos.		Description				
1	51132GSSB	Handle cpl., gray black/dark red				
2	51130GS	Handle grip, gray black, incl. pos. 7+10				
3	5359GS	Grommet, gray black				
4	5450DG	Power supply cord				
5	05113	Switch w/screws				
6	51073SB	Switch cap, silver				
7	51072GS	Switch cap holder, gray black				
8	5162	Cable clamp				
9	5253UL	Wire-antistatic				
10	5298ER	Handle cable				
11	5187	Handle tube X				
12	5040SB	Hose X, cpl., silver				
13	5045GS	Cleaning wand, gray black				
14	51059GS	Cover, gray black				
15	5319	Bag holder spring				
16	5091	Safety catch spring				
17	5360 5324	Safety catch				
18	5324	Bag holder cpl., incl. pos. 16+17				
19	51053SB	Cover release, silver				
20	51052SB	Handle cover, silver				
21	51051DRSB	Front cover cpl., dark red				
22	51050DRUL	Bag housing cpl., dark red/gray black				
23	5380GS	Internal cover cpl., gray black				
		incl. pos. 36+37				
24	1073	Clamp				
25	5208	Filter safety catch				
	5210	Return spring				
27	5164	Cable clamp				
28	51003SB	Bag housing locking catch, silver				
	1859SB	Handle catch, silver				
30	5721DR	Carrying handle, dark red				
31	5703DR	Cable hook, dark red				
	5146	Stop spring				
	5424SB	Retaining ring, silver				
34	5217FR	Internal cable				

5217ER 5266 Internal cable 34 35 36 37 38 39 40 Cable clamp Seal 5842

Attachment clip, gray black Spring for locking rod Locking rod 1823GS 5084 5083

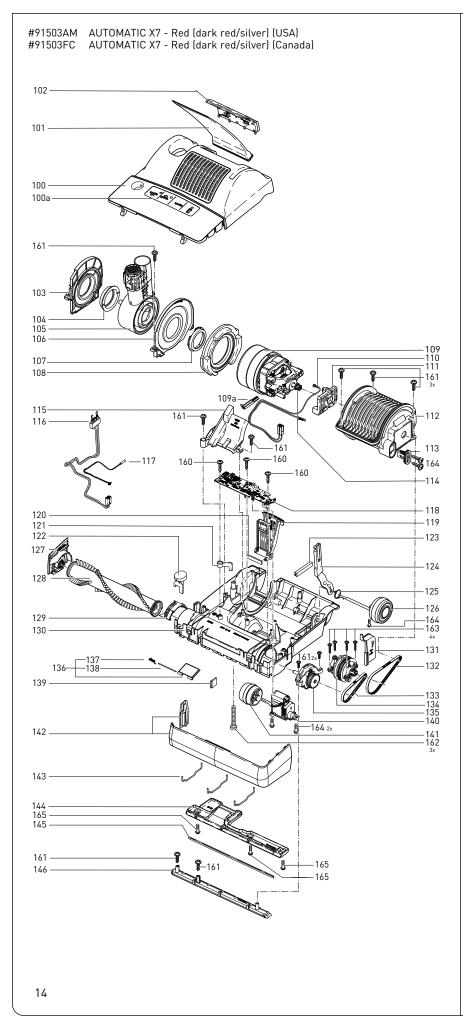
51002GS 1092GS 1491GS

Locking rod
Bag housing bumper base, gray black
Crevice nozzle, gray black
Upholstery nozzle
Screw F 3.9x13 DIN 7981
Screw C 3.9x16 DIN 7981
Screw M 4x12
Clip 4, DIN 6799 41 45 46 50 51 52 53 54 55 56 0102 0103 0129 0161 01036 Screw 4x14, Torx 20

5460GS 1387GS Mounting clip with screw Dusting brush

5093AM 5036AM AeraPure™ filter bag pack Pre-motor microfilter

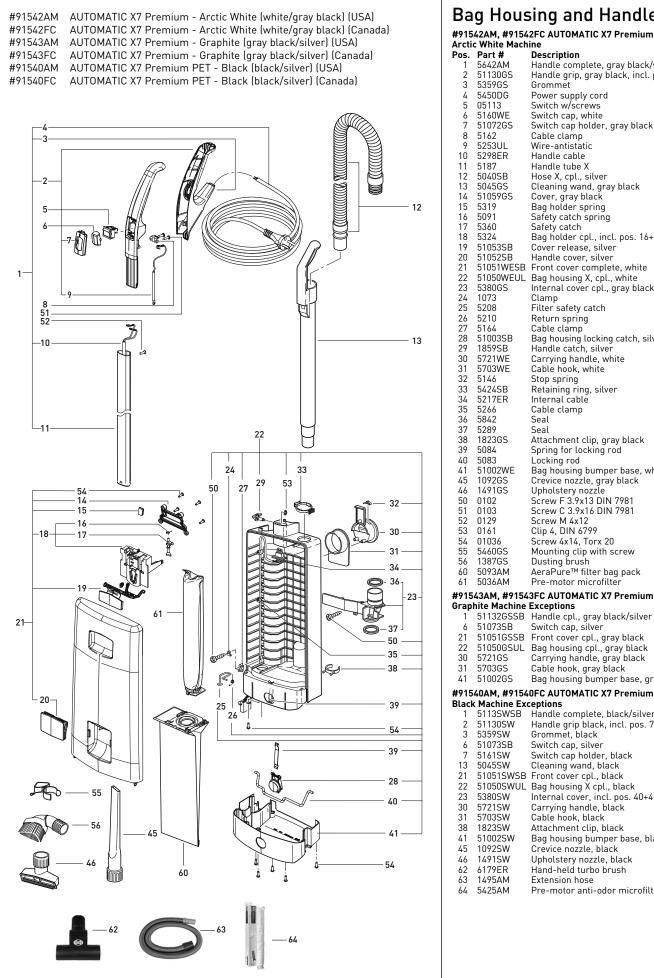
AUTOMATIC X7 SCHEMATIC AND PARTS LIST



Power Head

l	i owei fiedd					
l	#91503AM, #91503FC AUTOMATIC X7 Red Machine					
l	Pos.	Part #	Description			
l	100	52106DRSE	Power head cover, cpl., dark red/silver,			
l	100	32 100DN3L	incl. pos. 101a			
l	100a	52044SB				
l			Display, silver			
l	101	52038AM	Exhaust microfilter			
l	102	52029DR	Exhaust filter cover, cpl., dark red			
l	103	52018ER	Swivel neck support r.h., incl. pos. 117			
l	104	5101	Swivel neck bearing r.h.			
l	105	52023ER	Swivel neck assembly, cpl.			
l	106	52020ER	Swivel neck support l.h.			
l	107	5717	Swivel neck bearing l.h.			
l	108	52013	Motor support seal, DOMEL			
l	109	52194ER	Vacuum motor 120V/12 amps			
l	109a	05117S	Carbon brush set			
l	110	52040ER	Cable set motor			
l	111	5100	Rubber mounting, DOMEL			
l	112	52059UL	Motor housing			
l	113	52011ER	Belt adjust, cpl.			
l	114	5462	Motor pulley 2MR			
l	115	52115ER	Cover for air channel			
l	116	52199ER	Cable set swivel neck, incl. connector support			
l	117	52103	Reed switch swivel neck support			
l	118	5870ER	PCB power supply/controller X7/8 100-120V			
l	119	520090R	Foot pedal, cpl., orange			
l	120	52057610	Felt strip			
l	121	52054	Cable guide			
l	122	52034DR	Brush roller release knob r.h., dark red			
l	123	52112	Buffer motor housing			
l	123	52021ER	Support lever			
l	125	5107-1	Support spring			
l	126					
l	127	52102GS 52032GS	Wheel, cpl. with axle			
l	127		Bearing block r.h., gray black			
l	129	5010AM	Brush roller, blue bristles			
l	130	52033ER	Brush roller release ring with spring			
l	130	52195GS	Chassis X7 cpl., gray black, incl. pos. 120+123			
l	101	E440CW	w/out bumper			
l	131	5112SW	Motor pulley cover			
l	132	5463	Opti belt/Omega 2MR-310-6			
l	133	5110	Belt 219 3M HTDII-6			
l	134	52108	Sensor, cpl.			
l	135	52111ER	Bearing block l.h., cpl.			
l	136	51720R	Access door, incl. pos. 137+138, orange			
l	137	5304	Access door spring			
l	138	5303	Access door axle			
l	139	5155GS	Rubbing plate			
l	140	5060ER	Servo motor with gear box			
l	141	5174GS	Pile adjustment wheel			
l	142	52050GS	Bumper set, X7, gray black			
l	143	5402	Wire tie			
l	144	52110GS	Rear bottom plate X7, cpl., incl. pos. 145+160			
l	145	5400-1	Sealing strip			
l	146	50404GSER	Front bottom plate X7, cpl.			
l	160	01029	Screw C2. 9x13			
l	161	01016	AMTEC screw, 4.0x16 TORX 20			
١	162	0176	Screw AM 4x30 DIN 7985TL			
١	163	0104	Screw C 3.9x25 DIN 7981			
١	164	0102	Screw C 3.9x25 DIN 7981 Screw F 3.9x13 DIN 7981			
١	165	0197	Screw M 4x12 Z1			
١	. 55					
Ĺ						

AUTOMATIC X7 PREMIUM SCHEMATIC AND PARTS LIST



Bag Housing and Handle

#91542AM, #91542FC AUTOMATIC X7 Premium

1	5642AM	Handle complete, gray black/white
2	51130GS	Handle grip, gray black, incl. pos. 7+10
3	5359GS	Grommet
4	5450DG	Power supply cord
_	05110	Constitute and I amount

Switch cap holder, gray black

Cable clamp Wire-antistation Handle cable Handle tube X Hose X, cpl., silver Cleaning wand, gray black Cover, gray black Bag holder spring

Safety catch Bag holder cpl., incl. pos. 16+17

Cover release, silver Handle cover, silver Front cover complete, white Bag housing X, cpl., white

Internal cover cpl., gray black incl. pos. 36+37

Filter safety catch Return spring Cable clamp

Bag housing locking catch, silver

Handle catch, silve Carrying handle, white Cable hook, white Stop spring Retaining ring, silver Internal cable Cable clamp

Attachment clip, gray black Spring for locking rod

Locking rod

Bag housing bumper base, white Crevice nozzle, gray black Upholstery nozzle Screw F 3.9x13 DIN 7981 Screw C 3.9x16 DIN 7981 Screw M 4x12 Clip 4, DIN 6799

Screw 4x14, Torx 20 Mounting clip with screw Dusting brush AeraPure™ filter bag pack

Graphite Machine Exceptions

Switch cap, silver 51051GSSB Front cover cpl., gray black Bag housing cpl., gray black Carrying handle, gray black Cable hook, gray black

Bag housing bumper base, gray black

#91540AM, #91540FC AUTOMATIC X7 Premium PET

Handle complete, black/silver Handle grip black, incl. pos. 7+9 Grommet, black Switch cap, silver

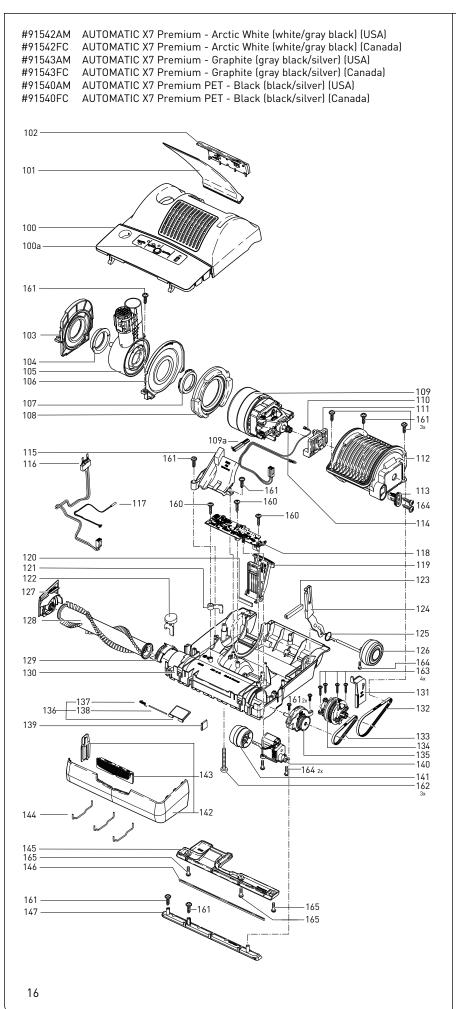
Switch cap holder, black Cleaning wand, black 51051SWSB Front cover cpl., black 51050SWUL Bag housing X cpl., black 5380SW Internal cover, incl. pos. 40+41 Carrying handle, black Cable hook, black

Bag housing bumper base, black Crevice nozzle, black

Upholstery nozzle, black Hand-held turbo brush Extension hose

Pre-motor anti-odor microfilter

AUTOMATIC X7 PREMIUM SCHEMATIC AND PARTS LIST



Power Head

111

5100

#91542AM, #91542FC AUTOMATIC X7 Premium **Arctic White Machine**

Pos.	Part #	Description
100	52126WEAM	Power head cover, cpl. white/silver,
		incl. pos. 100a
100a	52045SB	Display, silver
101	52038AM	Exhaust microfilter
102	52029WE	Exhaust filter cover, cpl., white

52018ER 103 Swivel neck support r.h., incl. pos. 117 Swivel neck bearing r.h. 52023ER 105 Swivel neck assembly, cpl. Swivel neck support l.h. 52020ER 106 Swivel neck bearing l.h. 107 5717 108 52013 Motor support seal, DOMEL

52194FR Vacuum motor 120V/12 amps 109 05117S Carbon brush set 109a 110 52040ER Cable set motor

Rubber mounting, DOMEL Motor housing 52059UL 112 113 52011ER Belt adjust, cpl 5462 52115 Motor pulley 2MR Cover for air channel 115

52199ER Cable set swivel neck, incl. connector support 116 52103 Reed switch swivel neck support 5870FR 118

PCB power supply/controller X7/8 100-120V Foot pedal, cpl., orange 520090R 119

Felt strip 52052 52054 Cable guide

121 122 52034WF Brush roller release knob r h white

Buffer motor housing 52112 52021ER Support lever Support spring Wheel, cpl. with axle 125 5107-1 126 52102GS 127 52032GS Bearing block r.h., gray black

128 129 Brush roller, blue bristles 5010AM Brush roller release ring with spring Chassis X7 cpl., gray black, incl. pos. 120+123 52033ER

130 52195GS w/out bumper 131 5112SW

Motor pulley cover Opti belt/Omega 2MR-310-6 Belt 219 3M HTDII-6 132 5463 133 5110 134 52108

Sensor, cpl. Bearing block l. h., cpl. 52111ER 135

51720R Access door, incl. pos. 137+138, orange 137 5304 Access door spring 138 5303 Access door axle 139 5155GS Rubbing plate 140 5060ER Servo motor with gear box

141 5174GS Pile adjustment wheel Bumper set, X7 LED, gray black 142 52050GS 52016ER LED assembly, cpl.

144 5402 Wire tie 52110GS 145 Rear bottom plate, X7 cpl., incl. pos. 145+160

146 5400-1 Sealing strip 147 50404GSER Front bottom plate X7 cpl.

Screw C2, 9x13 AMTEC screw, 4.0x16 TORX 20 160 01029 161 01016 0176 Screw AM 4x30 DIN 7985TL 163 0104 Screw C 3.9x25 DIN 7981 Screw F 3.9x13 DIN 7981 0102 164 Screw M 4x12 Z1

#91543AM, #91543AM AUTOMATIC X7 Premium **Graphite Machine Exceptions**

52126GSAM Power head cover, cpl., gray black/silver, incl. pos. 100a

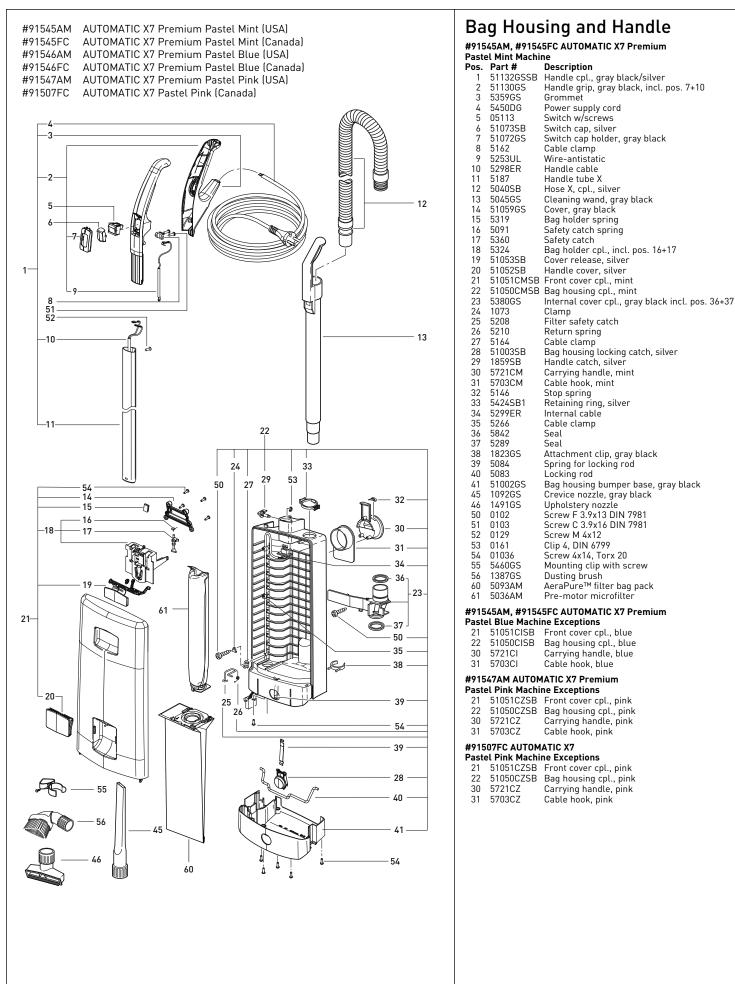
102 52029GS Exhaust filter cover, cpl., gray black 52034GS 122 Brush roller release knob, r.h., gray black

#91540AM, #91540FC AUTOMATIC X7 Premium PET Black Machine Exceptions 100 52126SWAM Power

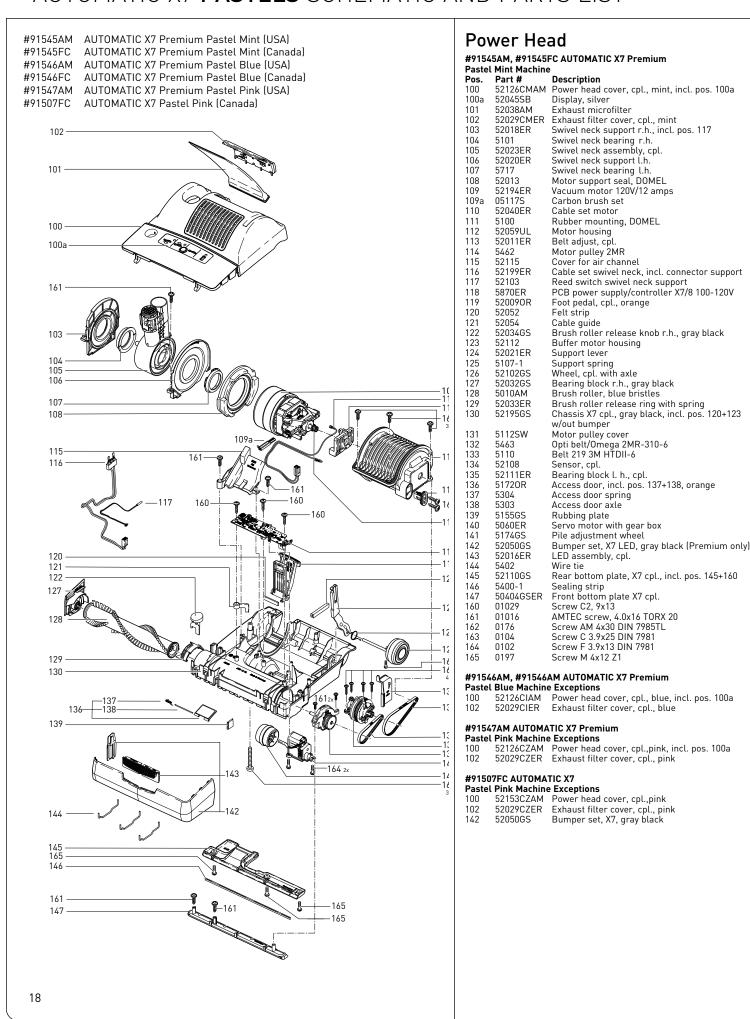
Power head cover, cpl., black/silver, incl. pos. 100a

102 52029SW Exhaust filter cover, cpl., black 52034SW 122 Brush roller release knob, r.h., black 52102SW Wheel, cpl. with axle, black

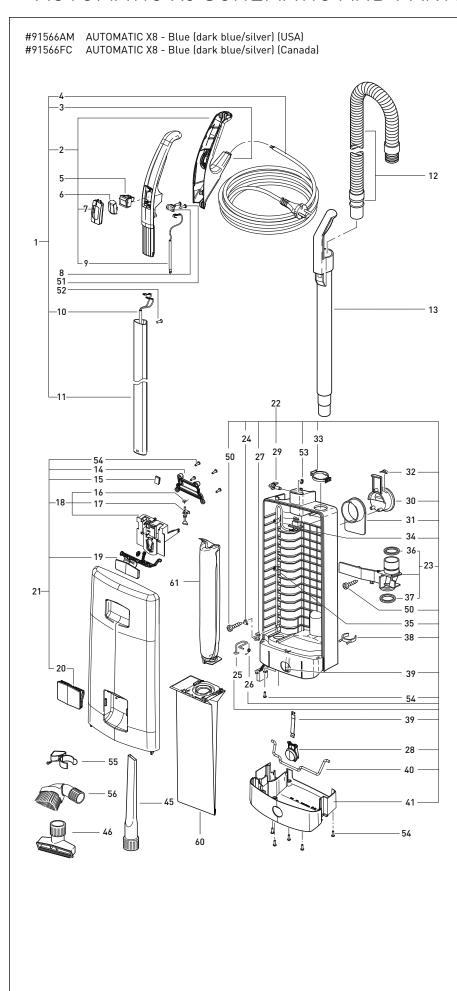
AUTOMATIC X7 PASTELS SCHEMATIC AND PARTS LIST



AUTOMATIC X7 PASTELS SCHEMATIC AND PARTS LIST



AUTOMATIC X8 SCHEMATIC AND PARTS LIST



Bag Housing and Handle

#915	66AM, #9156	6FC AUTOMATIC X8 Blue Machine		
Pos.	Part #	Description		
1	51132GSSB	Handle complete, gray black/silver		
	51130GS	Handle grip, gray black, incl. pos. 7+10		
	5359GS	Grommet		
	5450DG	Power supply cord		
	05113	Switch w/screws		
	51073SB	Switch cap, silver		
	51072GS	Switch cap holder, gray black		
	5162	Cable clamp		
	5253UL	Wire-antistatic		
	5298ER	Handle cable		
	5187	Handle tube X		
	5040SB	Hose X, cpl., silver		
	5045GS	Cleaning wand, gray black		
	51059GS	Cover, gray black		
	5319	Bag holder spring		
	5091	Safety catch spring		
	5360	Safety catch		
	5324	Bag holder cpl., incl. pos. 16+17		
	51053SB	Cover release, silver		
	51052SB	Handle cover, silver		
	51051DBSB			
	51050DBUL	Bag housing X, cpl., dark blue		
23	5380GS	Internal cover cpl., gray black		

incl. pos. 36+37 Clamp Filter safety catch Return spring Cable clamp 1073 5208 5210 5164

51003SB 1859SB Bag housing locking catch, silver Handle catch, silver Carrying handle, dark blue Cable hook, dark blue 5721DB 5703DB

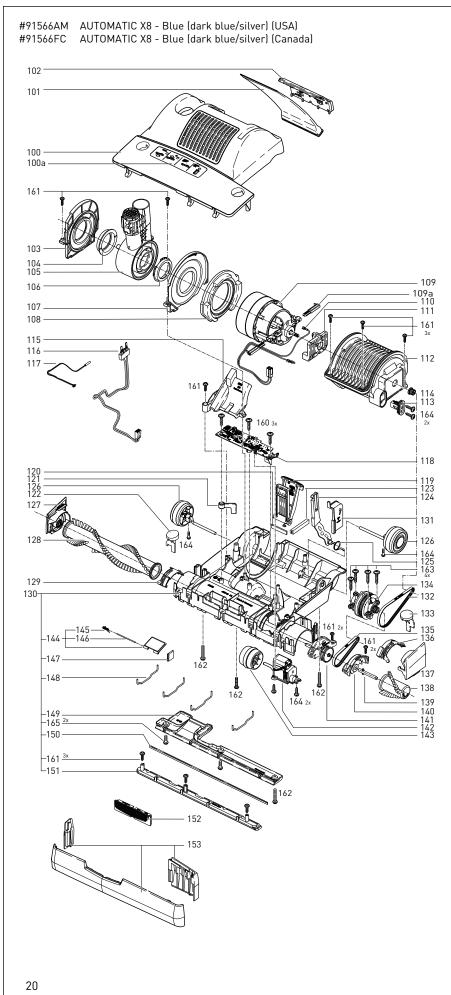
24 25 26 27 28 29 30 31 32 33 34 35 36 37 5146 5424SB 5217ER Stop spring Retaining ring, silver Internal cable 5266 5842 Cable clamp Seal Seal 5289 1823GS Attachment clip, gray black

5084 Spring for locking rod 5083 Locking rod Bag housing bumper base, dark blue

38 39 40 41 45 46 50 51 52 53 51002DB 1092GS 1491GS Crevice nozzle, gray black Upholstery nozzle
Screw F 3.9x13 DIN 7981
Screw C 3.9x16 DIN 7981
Screw M 4x12
Clip 4, DIN 6799
Screw 4x14, Torx 20 0102 0103 0129 0161 01036

54 55 56 5460GS 1387GS Mounting clip with screw Dusting brush AeraPure™ filter bag pack 60 5093AM 5036AM Pre-motor microfilter

AUTOMATIC X8 SCHEMATIC AND PARTS LIST



Power Head

ı			
ı	#9156	6AM, #91566	FC AUTOMATIC X8 Blue Machine
ı	Pos.	Part #	Description
ı	100	52122DBSE	Power head cover, cpl., dark blue/silver,
ı			incl. pos. 101a
ı	100a	52044SB	Display, silver
ı	101	52038AM	Exhaust microfilter
ı	102	52029DB	Exhaust filter cover, cpl., dark blue
ı	103	52018ER	Swivel neck support r.h., incl. pos. 117
ı	104	5101	Swivel neck bearing r.h.
ı	105 106	52023ER 52020	Swivel neck assembly X7 cpl.
ı	108	5717	Swivel neck support l.h. Swivel neck bearing l.h.
ı	108	52013	Motor support seal
ı	109	52194ER	Vacuum motor 120V/12 amps
ı	109a	05117S	Carbon brush set
ı	110	52040ER	Cable set motor, 2-wire
ı	111	5100	Rubber mounting
ı	112	52059UL	Motor housing
ı	113	52011ER	Belt adjust, complete
ı	114	5462	Motor pulley
ı	115	52115ER	Cover for air channel
ı	116	52199ER	Cable set swivel neck, incl. connector support
ı	117 118	52103	Reed switch swivel neck X-2017 PCB power supply/controller X-2017, 100-120V
ı	119	5870ER 520090R	Foot pedal, cpl., orange
ı	120	520570K	Felt strip
ı	121	52054	Cable quide
ı	122	52034DB	Brush roller release knob r.h., dark blue
ı	123	52112	Buffer motor housing
ı	124	52021ER	Support lever
ı	125	5107-1	Support spring
ı	126	52102GS	Wheel, cpl. with axle, gray black
ı	127	52032GS	Bearing block r.h., gray black
ı	128	5290AM	Brush roller set X8, blue bristles
ı	129	52033ER	Brush roller release ring r.h. with spring
ı	130	52196GS	Chassis X8 cpl., gray black, incl. pos. 120+123
ı	131	5112SW	w/o bumper Motor pulley cover
ı	132	5463	Opti belt/Omega 2MR-310-6
ı	133	52224DB	Brush roller release knob l.h., dark blue
ı	134	52188ER	Sensor X8, cpl.
ı	135	5110	Belt 219 3M HTDII-6
ı	136	52248ER	Brush roller release ring l.h., w/spring
ı	137	52134GS	Brush cover l.h. X8, gray black
ı	138	5815ER	Edge brush X8, blue bristles
ı	139	5237	Shaft extension, cpl.
ı	140	52131	Sealed bearing X8
ı	141 142	52121 5060ER	Bearing block l.h., cpl.
ı	143	5174GS	Servo motor with gear box Pile adjustment wheel
ı	144	51720R	Access door cpl., incl. pos. 145+146, orange
ı	145	5304	Access door opti, met. pos. 1457 146, orange
ı	146	5303	Access door axle
ı	147	5155GS	Rubbing plate
ı	148	5402	Wire tie
ı	149	52120GS	Rear bottom plate, X8 cpl., incl. pos. 150+165
ı	150	5400-2	Sealing strip
ı	151	52118GS	Front bottom plate X8 cpl.
ı	152	52016ER	LED assembly, cpl.
ı	153	52202GS	Bumper set X8 LED, 3 pcs., gray black
ı	160	01029	Screw C2, 9x13
ı	161	01016	AMTEC screw, 4.0x16 TORX 20
J	162 163	0176 0104	Screw AM 4x30 DIN 7985 TL Screw C 3.9x25 DIN 7981
J	164	0102	Screw F 3.9x13 DIN 7981
	165	0197	Screw M 4x12 Z1
J			