WARNING *Personal Injury Hazard when Using Attachments.*

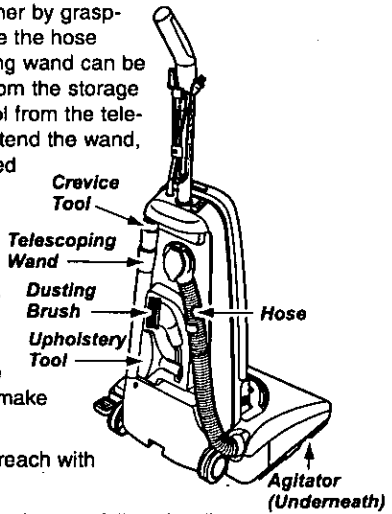
DO NOT place hands or feet underneath the unit when using the attachment tools. The agitator begins to revolve rapidly when using attachments.

ATTACHMENTS

CAUTION

When using the attachments, the agitator begins rotating. DO NOT allow the cleaner to remain in just one place for a period of time, as the agitator may damage the floor surface. Avoid placing the cleaner on furniture, the fringed area of rugs, deep pile carpeting, or carpeted stairs. The ideal position for the cleaner when using attachments is for the unit to be on a level area with the handle in the full upright position. See the HANDLE ADJUSTMENTS section.

Remove the lower end of the stretch hose from the cleaner by grasping the hose collar, twisting and pulling straight up. Once the hose has been removed it can be used as is, or the telescoping wand can be used for further reach. Remove the telescoping wand from the storage position on the vacuum cleaner. Remove the crevice tool from the telescoping wand by pulling out while twisting slightly. To extend the wand, turn the locking ring to the UNLOCK position, as indicated on the locking ring and pull it out to full length. Lock the locking ring by turning it to the LOCK position. The tools can be attached to the hose or the end of the wand. When connecting the attachments to the hose or the wand, always twist as you push down. If additional reach is required, the dusting brush or upholstery tool can be attached to the end of the crevice tool by simply sliding it over the narrow end of the crevice tool. The attached hose end swivels at the back of the cleaner to make cleaning easier in all directions.



When using the attachments, **DO NOT** overextend your reach with the hose as it could tip the cleaner over.

When attaching the wand to the hose and storing the attachments follow the directions given in the ATTACHMENT ASSEMBLY section.

ATTACHMENT USE

ATTACHMENT	CLEANING AREA				
	Furniture*	Between Cushions*	Drapes*	Stairs	Walls
CREVICE TOOL	X	X	X	X	X
DUSTING BRUSH	X		X	X	X
UPHOLSTERY TOOL	X	X	X		

***Always clean attachments before using on fabrics. Attachments used in dirty areas, such as under a refrigerator, should not be used on other surfaces until they are washed. They could leave marks. See the CLEANING EXTERIOR AND ATTACHMENTS section.**

ROUTINE CARE OF CLEANER

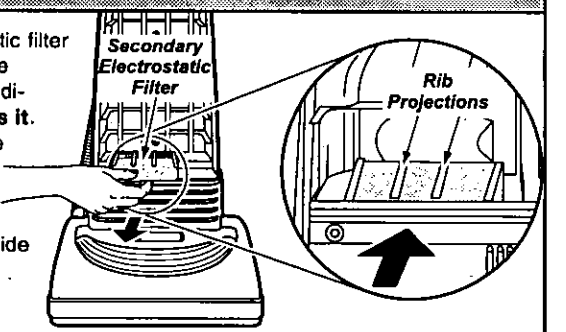
Performing the following tasks will keep your new Panasonic vacuum cleaner operating at peak performance levels and will ensure these high levels for years to come. Check the BEFORE REQUESTING SERVICE section in this manual for recommendations on performing some of these tasks to help solve various problems that may occur.

WARNING *Electrical Shock or Personal Injury Hazard.*

Always disconnect electrical supply before performing any service and/or cleaning of the vacuum cleaner. Failure to do so could result in electrical shock or personal injury from cleaner suddenly starting. DO NOT operate the cleaner without the secondary filter. Be sure the secondary filter is properly installed. Failure to do so could result in motor failure.

REPLACING SECONDARY ELECTROSTATIC FILTER

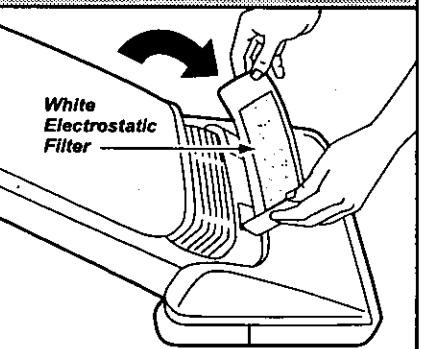
The white and grey secondary electrostatic filter must be replaced when dirty. It should be replaced regularly depending on use conditions. **The filter CANNOT be washed as it will lose its dust trapping ability.** If the secondary electrostatic filter, located at the bottom of the bag cavity is dirty, remove it by pulling forward out from under the ribs. Replace the filter, white side up, by sliding it back into place under the ribs in the bag cavity.



***This filter cannot be cleaned and should be replaced at least four times each year if the cleaner is used at least one hour each day.**

REPLACING ELECTROSTATIC EXHAUST FILTER

The white electrostatic exhaust filter must be replaced when dirty. It should be replaced regularly depending on use conditions. **The filter CANNOT be washed as it will lose its dust trapping ability.** Press the handle release pedal to let the upper portion of the cleaner lay back against the floor. Grasp the exhaust panel with a hand on each side, press inward and pull the panel forward. Lift the white electrostatic filter to remove. Replace the electrostatic filter, carefully positioning it so the slits fit around the four raised pins. Replace the exhaust panel. Return the cleaner to the upright position.

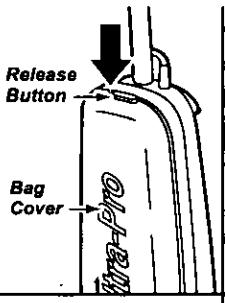


***This filter cannot be cleaned and should be replaced at least four times each year if the cleaner is used at least one hour each day.**

CHANGING THE DUST BAG

Always operate the vacuum with a genuine Panasonic Type U3 Standard or U6 Electrostatic dust bag installed. Panasonic dust bags may be ordered through any authorized Panasonic dealer. An optional cloth bag is available.

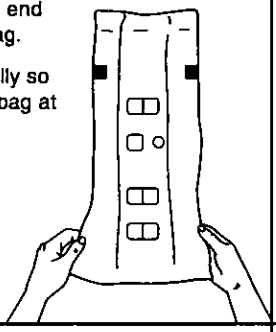
1. Press the release button located on the top of the bag cover. Pull the bag cover forward. Remove and lay aside.



2. To remove the dust bag, grasp the cardboard portion of the dust bag and pull it out.

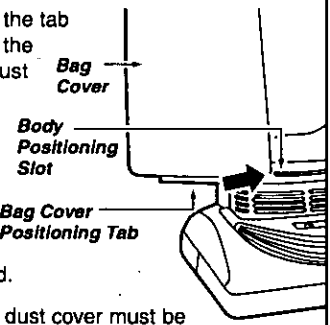
3. Spread out the end of the new dust bag.

NOTE: Pull carefully so as not to tear the bag at the folds.



4. Attach the new dust bag onto the bag holder by holding the cardboard portion and pushing back as illustrated.

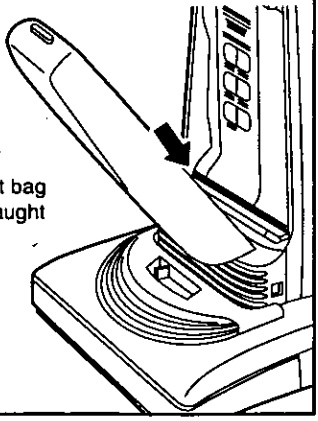
5. Reinsert the tab provided on the end of the dust cover into the groove on the dust compartment to allow the cover to rotate closed.



NOTE: The dust cover must be completely and correctly installed for proper operation.

6. Rotate the dust cover up into the closed position and press into place.

NOTE: The dust bag should not be caught between the lower edge of the dust cover and the gasket as indicated by the arrow in the illustration.

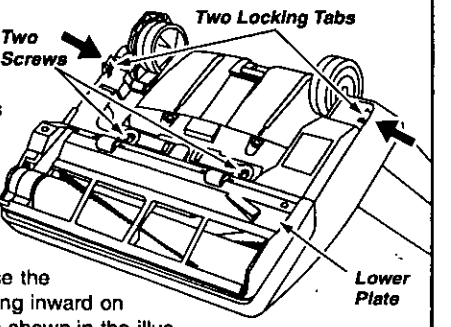


WARNING *Electric Shock or Personal Injury Hazard.*

When the lower plate is removed for any reason, before reinstalling, be sure that all electrical wires are routed in a manner that prevents them from coming into contact with the lower plate, lower plate screws, or any moving parts. Be sure that the wires are not pinched in any way when the lower plate is reinstalled.

REMOVING/INSTALLING THE LOWER PLATE

Before replacing any parts, disconnect the vacuum cleaner from the electrical outlet.



Replacing some of the parts in this section involves the removal and installation of the lower plate. Always place paper under nozzle anytime the lower plate is removed to protect the floor surface.

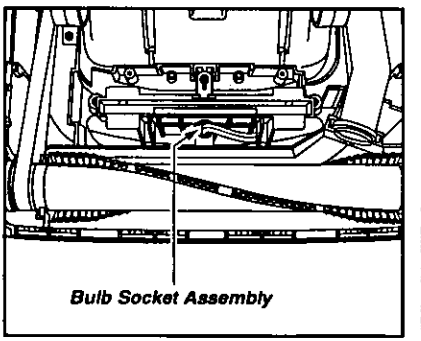
To Remove Lower Plate.
Start by placing the handle in the upright position. See the HANDLE ADJUSTMENTS section. Turn the vacuum cleaner over, exposing the underside. Release the lower plate by removing the two (2) screws and pressing inward on the two (2) locking tabs that secure the lower plate, as shown in the illustration. Remove the lower plate and remove any residue that may exist in the belt area.

To Reinstall Lower Plate.
Hook the front end of lower plate into the slots on the front of the nozzle housing. Press the lower plate into place until the locking tabs snap into place then replace the two (2) screws.

NOTE: To ensure maximum cleaning efficiency, the belt should be checked regularly to make sure it is in good condition. Check to see if the belt is stretched, cracked, or if excessive slippage has occurred. Replace if necessary.

REPLACING THE HEADLIGHT BULB

1. Remove the lower plate using the procedure in the REMOVING/INSTALLING THE LOWER PLATE section.



2. Grasp the bulb socket, wiggle the socket back and forth while pulling it up out of the nozzle housing. To remove the old bulb, push it in toward the bulb socket while turning counterclockwise, then remove.

3. Install the new bulb by pushing it in toward the bulb socket and turning it clockwise. Use any standard bayonet base appliance bulb rated at 130 Volts AC/15 Watts.

NOTE: Do not use a bulb rated over 130 Volts AC/ 15 Watts. During extended use, heat from the bulb could overheat the surrounding plastic parts.

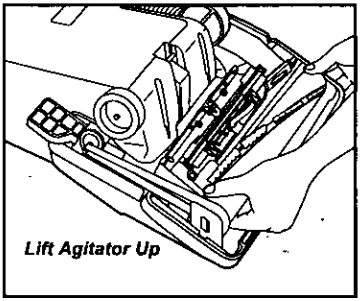
4. Reinsert the bulb socket into the nozzle housing by pushing it back down into the slot. Replace the lower plate as outlined in the REMOVING/INSTALLING THE LOWER PLATE section.

REPLACING THE BELT

WARNING *Personal Injury Hazard.*

Be careful when removing agitator. The belt tension is high. Failure to do so could result in personal injury from agitator releasing quickly and snapping away.

Unplug and turn the unit over. Remove the lower plate as described in the REMOVING/ INSTALLING THE LOWER PLATE section.

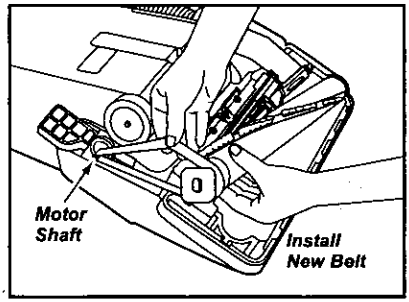


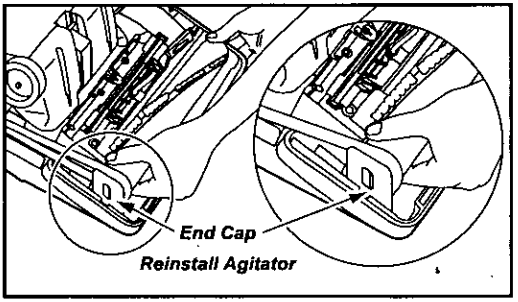
Remove the agitator, carefully lift it out, and remove the worn or broken belt from the brush pulley and motor shaft.

NOTE: The two end caps may come off along with the two washers as you lift the agitator out. **DO NOT** lose the two small washers.

Loop the new belt around the motor shaft and loop it around the brush pulley. See illustration for correct belt routing. **Use only a Panasonic Type UB8 drive belt.**

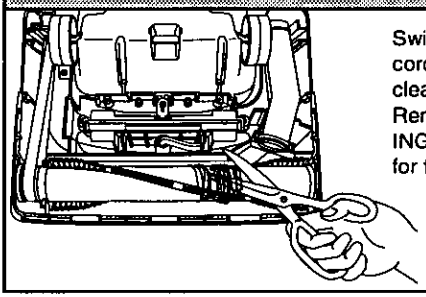
Before reinserting the agitator make sure the end caps/washers are on correctly. See illustration in the REPLACING THE BRUSHES section.





After checking the end caps, reinstall the agitator back into the housing grooves. After installing the agitator, turn it by hand making sure that the belt is not twisted or pinched and all rotating parts turn freely. Replace the lower plate as described in the REMOVING/INSTALLING THE LOWER PLATE section.

CLEANING THE AGITATOR



Switch off the vacuum cleaner and unplug the power cord before cleaning the agitator. In order to keep the cleaning efficiency high, clean the agitator regularly. Remove the lower plate if necessary. See the REMOVING/INSTALLING THE LOWER PLATE section for the proper procedure.

Agitator - Cut off any carpet pile and lint entangled around the agitator with a pair of scissors as illustrated.