



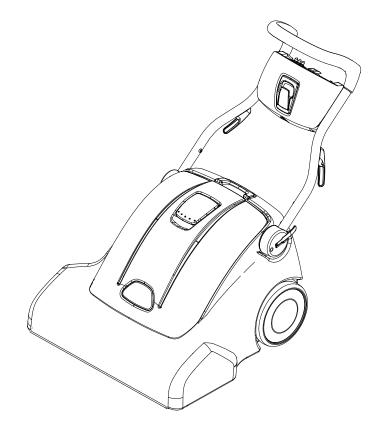
# Wide Area Vacuum

Model: NW

10125330

**NWIFE** 10125340

NUWAV AU 10125360



Operating Instructions (ENG)





### MACHINE DATA LOG/OVERVIEW

| Model:        |   |  |
|---------------|---|--|
| Date of Purch | ase:  |  |
| Serial Numbe  | r:  |  |
| Sales Repres  | entative:   |  |
| Address:      |   |  |
| Phone Number  | er:   |  |
|               | Copyright 2006 Windsor Industries, Printed in USA |  |

#### **OVERVIEW**

The *NuWave*<sup>™</sup> is a electric motor powered, wide area vacuum intended for commercial use. The *NuWave*<sup>™</sup> brushes and vacuums debris from carpeted surfaces and stores the collected debris in vacuum bags.

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### **PARTS LIST**

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This manual contains the following sections:

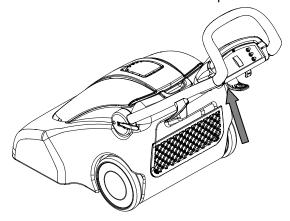
- HOW TO USE THIS MANUAL
- SAFETY
- OPERATIONS
- MAINTENANCE
- PARTS LIST

The HOW TO USE THIS MANUAL section will tell you how to find important information for ordering correct repair parts.

Parts may be ordered from authorized Windsor dealers. When placing an order for parts, the machine model and machine serial number are important. Refer to the MACHINE DATA box which is filled out during the installation of your machine. The MACHINE DATA box is located on the inside of the front cover of this manual.

| MODEL   |  |
|---|--|
| DATE OF PURCHASE                                  |  |
| SERIAL NUMBER                                     |  |
| SALES REPRESENTATIVE #                            |  |
| DEALER NAME                                       |  |
| OPERATIONS GUIDE NUMBER                           |  |
| PUBLISHED   |  |
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The model and serial number of your machine are located on the underside of the control panel.



# HOW TO USE THIS MANUAL

The SAFETY section contains important information regarding hazard or unsafe practices of the machine. Levels of hazards are identified that could result in product or personal injury, or severe injury resulting in death.

The OPERATIONS section is to familiarize the operator with the operation and function of the machine.

The MAINTENANCE section contains preventive maintenance to keep the machine and its components in good working condition. They are listed in this general order:

- Belt/Brush Motor
- Vac Motor and Filters
- Vac Motor Carbon Brushes
- Daily Maintenance
- Regular/Periodic Maintenance

The PARTS LIST section contains assembled parts illustrations and corresponding parts list. The parts lists include a number of columns of information:

- **REF** column refers to the reference number on the parts illustration.
- **PART NO.** column lists the part number for the part.
- **PRV NO.** reference number.
- **QTY** column lists the quantity of the part used in that area of the machine.
- DESCRIPTION column is a brief description of the part.
- SERIAL NO. FROM column indicates the first machine the part number is applicable to. When the machine design has changed, this column will indicate serial number of applicable machine. The main illustration shows the most current design of the machine. The boxed illustrations show older designs. If column has an asterisk (\*), call manufacturer for serial number.
- NOTES column for information not noted by the other columns.

**NOTE:** If a service or option kit is installed on your machine, be sure to keep the KIT INSTRUCTIONS which came with the kit. It contains replacement parts numbers needed for ordering future parts.

**NOTE:** The manual part number is located on the lower left corner of the front cover.

# IMPORTANT SAFETY INSTRUCTIONS

# When using an electrical appliance, basic precaution must always be followed, including the following:

#### READ ALL INSTRUCTIONS BEFORE USING THIS MACHINE.

**AWARNING:** 

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

**Use only** indoors. Do not use outdoors or expose to rain.

Use only as described in this manual. Use only manufacturer's recommended components and attachments.

If the machine is **not working properly**, has been dropped, damaged, left outdoors, or dropped into water, return it to an authorized service center.

Do not operate the machine with any openings blocked. Keep openings free of debris that may reduce airflow.

This machine is not suitable for picking up hazardous dust.

**Machine can cause a fire** when operating near flammable vapors or materials. Do not operate this machine near flammable fluids, dust or vapors.

This machine is suitable for commercial use, for example in hotels, schools, hospitals, factories, shops and offices for more than normal housekeeping purposes.

Maintenance and repairs must be done by qualified personnel.

**During operation**, attention shall be paid to other persons, especially children.

The machine shall only be operated by instructed and authorized persons.

Do not handle the plug or machine with wet hands.

Do not unplug machine by pulling on cord. To unplug, grasp the plug, not the cord.

Do not use with damaged cord or plug. Follow all instructions in this manual concerning grounding the machine.

**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** pull/run machine over cord. **Keep** cord away from heated surfaces.

**Do not** use to pick up flammable or combustible liquids, such as gasoline, or use in areas where the may be present.

Do not operate without dust bag and filter in place.

**Do not** pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.

Connect to a **properly** grounded outlet. See Grounding Instructions.

# SAVE THESE INSTRUCTIONS

#### **HAZARD INTENSITY LEVEL**

The following symbols are used throughout this guide as indicated in their descriptions:

#### HAZARD INTENSITY LEVEL

There are three levels of hazard intensity identified by signal words **-WARNING** and **CAUTION** and **FOR SAFETY.** The level of hazard intensity is determined by the following definitions:

# **AWARNING:**

WARNING - Hazards or unsafe practices which COULD result in severe personal injury or death.

# A CAUTION:

**CAUTION** - Hazards or unsafe practices which could result in minor personal injury or product or property damage.

#### FOR SAFETY: To Identify actions which must be followed for safe operation of equipment.

Report machine damage or faulty operation immediately. Do not use the machine if it is not in proper operating condition. Following is information that signals some potentially dangerous conditions to the operator or the equipment. Read this information carefully. Know when these conditions can exist. Locate all safety devices on the machine. Please take the necessary steps to train the machine operating personnel.

#### FOR SAFETY:

DO NOT OPERATE MACHINE:

Unless Trained and Authorized.

Unless Operation Guide is Read and understood.

In Flammable or Explosive areas.

In areas with possible falling objects.

#### WHEN SERVICING MACHINE:

Avoid moving parts. Do not wear loose clothing; jackets, shirts, or sleeves when working on the machine. Use Windsor approved replacement parts.

#### **GROUNDING INSTRUCTIONS**

THIS PRODUCT IS FOR COMMERCIAL USE ONLY.

#### **ELECTRICAL:**

The amp, hertz, and voltage are listed on the data label found on each machine. Using voltages above or below those indicated on the data label will cause serious damage to the motors.

#### **EXTENSION CORDS:**

If an extension cord is used, the wire size must be at least one size larger than the power cord on the machine, and must be limited to 50 feet (15.5m) in length.

#### **GROUNDING INSTRUCTIONS:**

This appliance must be grounded. If it should malfunction or break down, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This appliance is equipped with a cord having an equipment-grounding conductor and grounding plug. The plug must be inserted into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

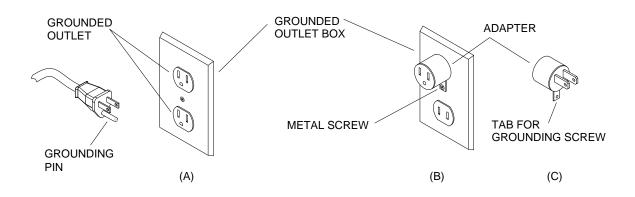
#### **120 VOLT MODELS:**

This appliance is for use on a nominal 120-volt circuit, and has a grounded plug that looks like the plug in "Fig. A". A temporary adaptor that looks like the adaptor in "Fig. C" may be used to connect this plug to a 2-pole receptacle as shown in "Fig. B", if a properly grounded outlet is not available. The temporary adaptor should be used only until a properly grounded outlet (Fig. A) can be installed by a qualified electrician. The green colored rigid ear, lug, or wire extending from the adaptor must be connected to a permanent ground such as a properly grounded outlet box cover. Whenever the



adaptor is used, it must be held in place by a metal screw.

Improper connection of the equipmentgrounding conductor can result in a risk of electric shock. Check with a qualified electrician or service person if you are in doubt as to whether the outlet is properly grounded. Do not modify the plug provided with the appliance - if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

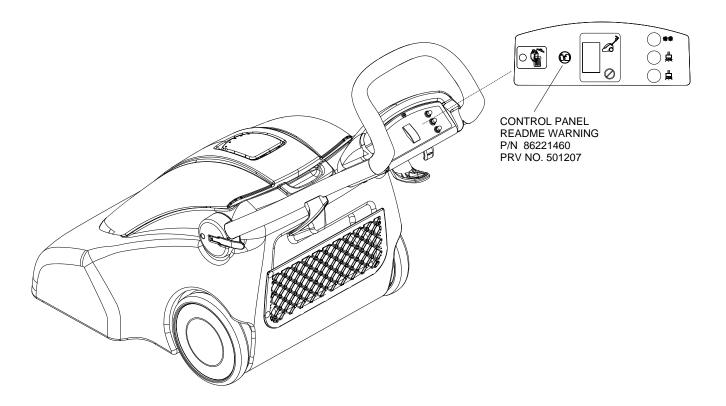


### **SAFETY**

#### SAFETY LABEL LOCATION

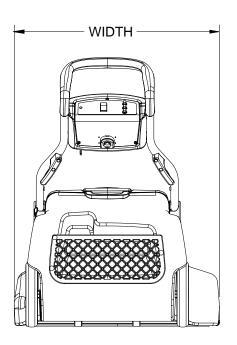
The following WARNING LABEL(S) are found on your cleaning unit. These labels point out important Warnings and Cautions which should be followed at all times. Failure to follow warnings and cautions could result in fatality, personal injury to yourself and/or others, or property damage. Follow these instructions carefully! DO NOT remove these labels.

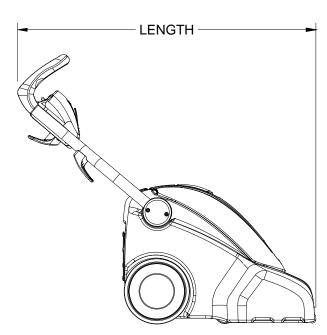
**NOTE:** If at any time the labels become illegible, promptly replace them.



### TECHNICAL SPECIFICATIONS

| ITEM                         | DIMENSION/CAPACITY                             |
|------------------------------|--|
| Rated Amperage (120V)        | 15 AMPS  |
| Rated Amperage (230V)        | 7.5 AMPS                                       |
| Brush Motor                  | 0.5 HP (373 W)                                 |
| Bag Capacity                 | 792 in <sup>3</sup> (13 L)                     |
| Brush                        | Two 25.5 in. (647mm) by 4 in. (10 mm) diameter |
| Brush Speed (120 V)          | 1550 RPM                                       |
| Brush Speed (230 V)          | 1350 RPM                                       |
| Maximum flow rate of machine | 129 cfm (61 L/sec)                             |
| Maximum suction of machine   | 20 inches of water (4.97 kPa)                  |
| Weight Empty                 | 151 lbs (68 kg)                                |
| Tires                        | 9.75 in. (247mm) non-marking                   |
| Frame Construction           | Powder coated steel                            |





| ITEM   | MAXIMUM              | STORAGE              |
|--------|----------------------|----------------------|
| Height | 44 inches (1120 mm)  | 21 inches (530 mm)   |
| Length | 51.5inches (1310 mm) | 33 inches (840 mm)   |
| Width  | 30.5 inches (770 mm) | 30.5 inches (770 mm) |

#### **SPECIAL NOTES:**

The sound pressure level at the operator's ear was measured to be 74dBA. This was a nearfield, broadband measurement taken on a carpeted floor. This appliance contains no possible source of impact noise. The instantaneous sound pressure level is below 63 Pa.

The weighted root mean square acceleration at the operator's arms was measured to be below 2.5m/s². This was a tri-axial, third-octave-band measurement made during normal operation on a composite tile floor. The measurement and related calculations were made in accordance with ANSI S3.34-1986.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

### **OPERATION**

#### **CONTROLS & COMPONETS**



**1. Main handle**Adjust for operator comfort and storage.

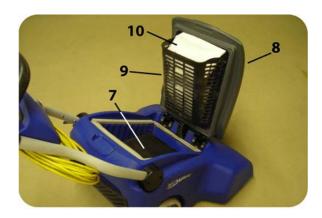


**2.** Handle Adjustment Lever Adjusts for operator comfort and storage.



- **3.** Vac on/off switch.
  Turns on and off vac motor.
- **4.** Brush Motor Circuit Breaker Protects brush motor from overheating.
- **5.** Vac Motor Circuit Breakers
  Protects the vac motors from overheating.
- **6.** Bag full Indicator Light Indicates when filter bag requires replacement or a clog in the vacuum system ducting.

#### **OPERATION**





#### 7. Intake Filter.

Filters intake air for extend vacuum motor life.

#### 8. Filter Bag Cover

Raises to allow access to filter bag and vacuum motors.

**9.** Filter Bag Basket Locates filter bag for maximum fill efficiency and easy changing.

### 10. Filter Bag

Lift out easily for service.

# 11. Accessory Port

Lift port to attach optional accessory hose. Brush motor will be deactivated during accessory use.

### **OPERATION**

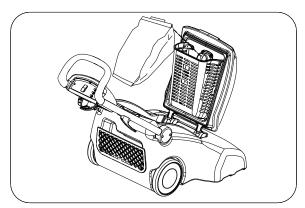
#### **SET UP**



**1.** Take machine out of storage position by lowering onto all four wheels.



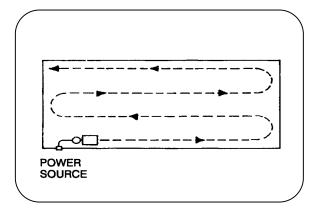
**2.** Adjust handle to comfortable position at waist level by opening adjustment lever on left side of machine and moving handle. Lock back into position by closing adjustment lever.



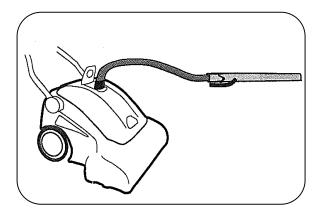
**3.** Install filter bag inside the main body by pushing the rubber collar over the chute.



#### **CLEANING ROUTE**



#### **ACCESSORY PORT**



#### **CORD HOOKS**



#### **HOW IT OPERATES**

This machine is a portable, easy to use wide area vacuum designed for use indoors, in a commercial or light industrial environment.

When operating as a carpet vacuum, soil is lifted from the carpet surface by two counter-rotating brushes and carried into a removable bag by the vacuum motors.

- **1.** Large debris such as paper cups, plates, string, etc., should be picked up before starting the cleaning process.
- **2.** Plan your cleaning route to work away from the electrical source. Move machine forward at a steady pace.

#### **CLEANING**

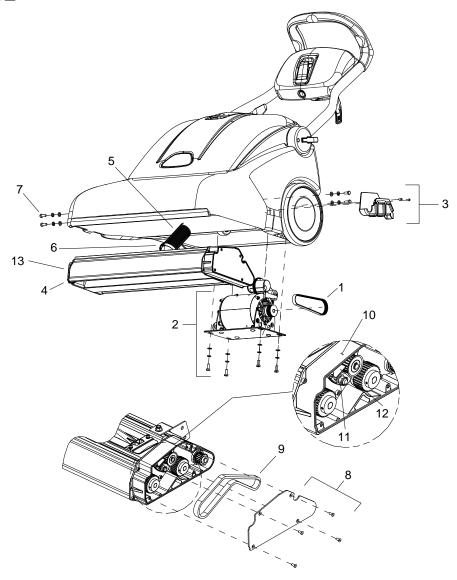
- **1.** Adjust handle to comfortable position at waist level or higher.
- **2.** Use your finger to depress the Vacuum switch on the control panel to activate the vacuum.
- **3.** When using optional accessory tool, brushes will be deactivated when accessory port is lifted.

# **AWARNING:**

Keep machine moving while brush engaged. Damage to carpet could occur if not moving.

- **4.** Move forward or backwards at a steady pace for thorough cleaning. Run machine more slowly over extremely soiled areas.
- **5.** Use the right side of the machine for edge cleaning.
- **6.** To keep the vacuum operating at maximum efficiency, check the filter bag regularly. Use the upper and lower access holes in basket to feel level of fullness. Empty when 1/2 to 3/4 full.
- 7. When finished vacuuming, coil the cord by wrapping around the three cord hooks provided on the handle tubes and control panel. The upper hook pivots for easy release of the cord.

#### **MAINTENANCE**



- 1. Primary Drive Belt
- 2. Brush Motor Assembly
- 3. Belt Guard
- 4. Brush Deck Assembly
- 5. Vacuum Hose
- 6. Hose Clamp
- 7. Brush Deck Mounting Bolts

- 8. Drive Housing Cover Plate
- 9. Secondary Timing Belt
- 10. Drive Housing
- 11. Belt Tensioning Nut
- 12. Belt Tensioning Bracket
- 13. Retaining Clips

**NOTE:** The following service items should be performed by an authorized service facility or authorized service personnel. All parts referred to in these instructions can be identified by using the parts lists and illustrations on the following pages.

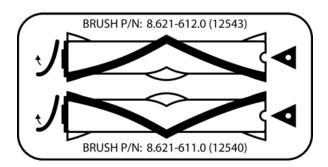
# **AWARNING:**

Remove machine power cord from electrical source before making any repairs or adjustments to the machine.

#### **BRUSH DECK**

The dual cylindrical brush deck is designed to efficiently extract dirt from the carpet. Please note the differences between the front/rear brushes. Installing them in reverse position will significantly reduce the performance of the machine. The brush part numbers are marked on drive ends of the brush core as follows:

8.621-612.0 (12543) - Front Brush 8.621-611.0 (12540) - Rear Brush

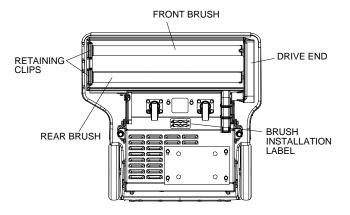


Brushes should be replaced as a set when bristle length wears to height of yellow PerformAlert $^{TM}$  bristles.

#### **BRUSH REMOVAL**

The brushes are removed from the right side of the machine.

- Adjust handle into the vertical position and lock the cam lever. Tilt machine on it's back using handle to support it's position.
- 2. Pull out on the bottom of the retaining clip.
- **3.** The brush assembly and end cap should drop down. Then pull the brush down far enough to clear the bottom of the housing.
- **4.** Pull brush out with a rocking motion to free brush from drive hub.



#### **BRUSH REPLACEMENT**

- 1. Make sure the brushes are in the correct position (front/rear) by following the brush installation label on the underside of the machine. Lift the drive side of the brush and push it onto drive hub until a positive stop is felt. The brush cannot be installed until the brush is fully seated on the drive hub.
- **2.** Pull out on the bottom of the retaining clip.
- **3.** Line up end cap with the flats to each side.
- **4.** Slide brush up into retaining clip until it clicks in place.

#### **MAINTENANCE**

#### **BELT REPLACEMENT**

The primary drive belt and secondary belt should be replaced if they are damaged or broken. To determine if a belt is damaged or broken, there will be a noticeable drop in the performance of the machine or the brushes will not spin when the machine is turned on.

#### PRIMARY DRIVE BELT REPLACEMENT

The primary drive belt is removed from the under side of the machine.

- 1. Unplug power cord.
- **2.** Adjust handle into vertical position and lock cam lever. Tilt machine on it's back using handle to support it's position.
- **3.** Remove belt guard by loosening the (2) mounting screws.

- **4.** Remove brush motor assembly by loosening the (4) mounting bolts.
- 5. Remove damaged or broken belt from drive pulleys and replace with a new drive belt. Be sure the grooves in the drive belt match the grooves in the drive pulleys.
- 6. Install brush motor assembly with new drive belt to the machine by using the (4) mounting bolts. With mounting bolts in place but not fully tightened, use weight of the brush motor assembly to apply proper tension to the drive belt. Once the belt is properly tensioned, fully tighten the mounting bolts.
- **7.** Attach belt guard to the frame by using the (2) mounting screws.
- **8.** Plug machine into a power supply and turn it on to assure the machine is running properly.

#### SECONDARY BELT REPLACEMENT

The secondary belt can be accessed from the under side of the machine.

- 1. Unplug power cord.
- **2.** Adjust handle into the vertical position and lock the cam lever. Tilt machine on it's back using the handle to support it's position..
- **3.** Remove belt guard by loosening the (2) mounting screws.
- 4. Loosen the 4 mounting bolts for brush motor assembly to relieve primary drive belt tension. Do not fully remove the (4) mounting bolts. Remove primary drive belt from the brush deck pulley.
- 5. Remove brush deck assembly by loosening the 4 mounting bolts that attach it to the linkage arms (2) bolts on the right side and (2) on the left side). With the brush deck assembly removed, detach vacuum hose from the nozzle by loosening hose clamp.
- **6.** The secondary belt can now be accessed on the right side of brush deck assembly by removing the (4) screws that mount the drive housing cover/plate.

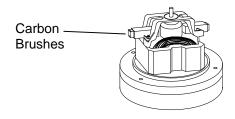
- 7. Loosen nut on the belt tensioning bracket and remove damaged/broken belt. Install new secondary belt in the same configuration.
- 8. Apply tension to belt by pressing thumb tab on belt tensioning bracket. Tighten the nut on belt tensioning bracket until proper tension is achieved. Test belt by spinning brushes. Brushes should spin easily without excessive friction.
- **9.** Replace drive housing cover/plate, reattach the vacuum hose to nozzle, and reassemble brush deck to machine by using the (4) mounting bolts (2) on right side and (2) on left side.
- 10. Reattach primary drive belt to brush deck pulley making sure the grooves line up properly. Apply proper tension to primary drive belt and tighten the (4) mounting bolts on brush motor assembly. Reattach primary belt guard.
- **11.** Plug machine into a power supply and turn it on to assure the machine is running properly.

#### **MAINTENANCE**

#### REMOVE VAC MOTOR AND FILTERS.

- 1. Unplug power cord.
- 2. Open cover.
- **3.** Remove (6) screws from vacuum motor retaining plate.
- Remove (8) screws from vac motor brackets, (4) each bracket.
- **5.** Lift vacuum motors out of machine body.

# VACUUM MOTOR CARBON BRUSHES REPLACEMENT



If armature commutator is grooved, extremely pitted or not concentric, the motor will need to be replaced or sent to a qualified service center.



#### Important:

These brushes wear quicker as the length shortens due to increased heat. Spring inside brush housing will damage motor if brushes are allowed to wear away completely.



Periodically check the length of the carbon brushes. Replace both carbon brushes when either is less than 3/8" (9.5mm) long.

#### **DAILY MAINTENANCE**

- 1. Unplug power cord.
- 2. Shake down the contents of the bag daily.
- **3.** Check power cord for damaged or frayed insulation.
- **4.** Check for and remove any lint or debris around brush and brush housing.

#### **REGULAR/PERIODIC MAINTENANCE**

- **1.** Unplug power cord.
- **2.** Every 4 to 6 months remove wheels, clean axles, and apply a thin coat of silicone lubricant to axles.
- 3. Inspect and clean vac motor filters.
- **4.** Periodically inspect all hoses, electrical cables, filters, gaskets and connections on your machine. Frayed or cracked hoses should be repaired or replaced to eliminate vacuum loss.
- **5.** The electrical cable must be well insulated, if the cable insulation is broken or frayed, repair or replace it immediately. Don't take chances with electrical fire or shock.

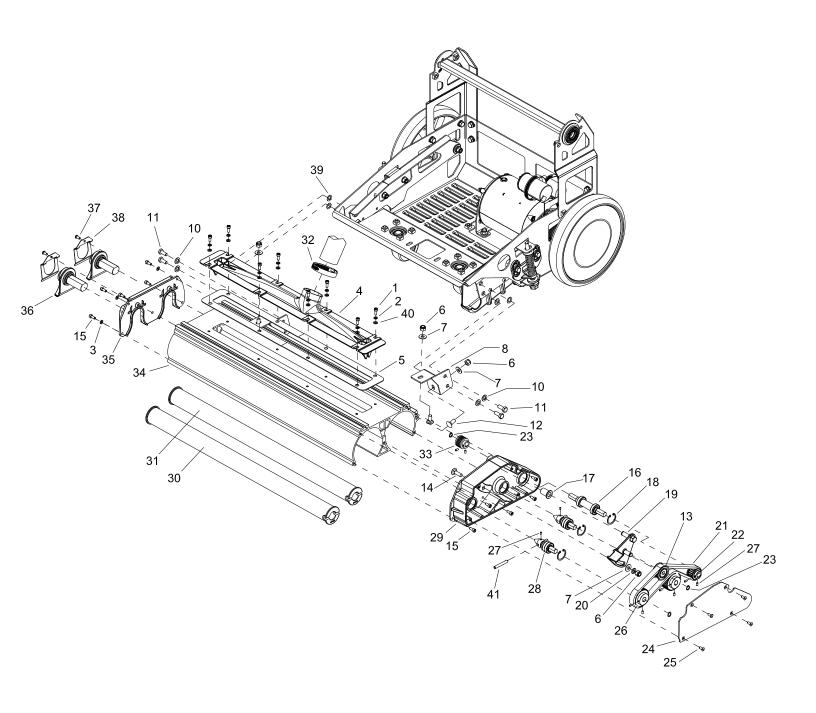
# **MAINTENANCE**

# SERVICE SCHEDULE

| MAINTENANCE                                    | DAILY | WEEKLY | MONTHLY | QUARTERLY |
|--|-------|--------|---------|-----------|
| Check bag and replace if necessary             | *     |        |         |           |
| Check filters and replace if necessary         | *     |        |         |           |
| Check hoses for wear, blockages, or            |       |        |         |           |
| damage   | *     |        |         |           |
| Inspect base for clogs                         | *     |        |         |           |
| Check vac nozzle for clogs; remove clogs       |       |        |         |           |
| with fingers (if appropriate)                  | *     |        |         |           |
| Check major gaskets for leakage                | *     |        |         |           |
| Check brush-should be clean with no lint or    |       |        |         |           |
| strings attached                               | *     |        |         |           |
| Wind cord and store in upright position        | *     |        |         |           |
| Check hoses for cracks or holes                |       | *      |         |           |
| Check all cords and handles for damage or      |       |        |         |           |
| cracks; replace as necessary                   |       | *      |         |           |
| Check brushes for wear; replace if             |       |        |         |           |
| necessary                                      |       | *      |         |           |
| Check brush strip for wear; replace if         |       |        |         |           |
| necessary                                      |       | *      |         |           |
| Inspect and replace all filters including      |       |        |         |           |
| exhaust, intake                                |       |        | *       |           |
| Inspect, clean, and repair power head –        |       |        |         |           |
| including brush housing                        |       |        | *       |           |
| Check all bearings for fiber build-up and      |       |        |         |           |
| noise  |       |        | *       |           |
| Check all gaskets for wear and leakage         |       |        | *       |           |
| Check belts for wear; replace if necessary     |       |        | *       |           |
| Check vac motor carbon brushes                 |       |        |         | *         |
| Check for arcing and pitting on any electrical |       |        |         |           |
| contacts; replace if found                     |       |        |         | *         |
| Inspect and clean vac deck; check for dents    |       |        |         |           |
| and damage which would detrimentally           |       |        |         |           |
| effect vacuum and brush movement               |       |        |         | *         |
| Check overall performance of machine           |       |        |         | *         |



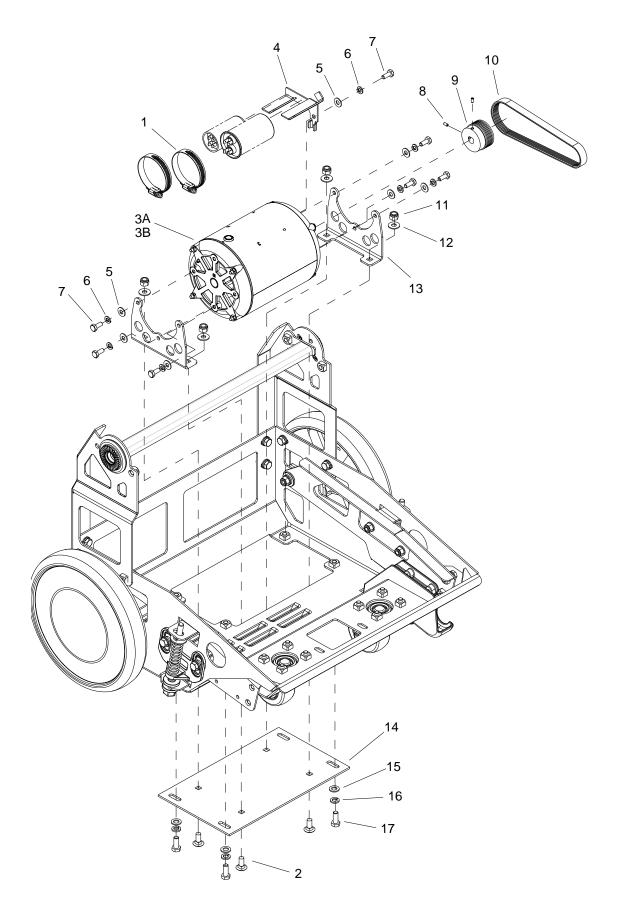
# **BRUSH DECK**



# **BRUSH DECK**

| 1  | REF  | PART NO. | PRV NO. | QTY | DESCRIPTION                     | SERIAL NO. | NOTES: |
|--|------|----------|---------|-----|---------------------------------|------------|--------|
| 1  | IXLI | TAKT NO. | 110110. | QII |                                 | FROM       | NOTES. |
| 3  | 1    | 86293390 | -       | 8   | ,                               |            |        |
| 4         86290110         -         1         NOZZLE, VACUUM, DECK           5         86218140         35366         2         GASKET, VAC NOZZLE           6         86270830         57023         5         NUT, 5/16-18 HEX NYLOCK SS           7         86010670         87029         5         WASHER, 5/16 FLAT SS           8         86292460         -         2         WELMENT, DECK LEVELING           9         OPEN         -         -         -           10         86010720         87086         4         WASHER, M10 X 30 PLTD           11         86293380         -         4         SCR, M10 X 20 HHMS GR 8.8 PLT           12         86293380         -         4         SCR, M10 X 20 HHMS GR 8.8 PLT           13         86012780         -         1         PULLEY ASM, SMM HTD 22T           14         86277130         70795         1         SCR, SST16 X 1.00 CARRAGE SS           15         86293400         -         1         ASSY, JACK SHAFT DRIVE           16         86293300         -         1         ASSY, JACK SHAFT DRIVE           17         86215230         09161         1         BEARING, BRONZE FLANGED           18   | 2    |          |         | 8   |                                 |            |        |
| 6         86278140         35366         2         GASKET, VAC NOZZLE           6         86270830         57023         5         NUT, 5/16-18 HEX NYLOCK SS           7         86010670         87029         5         WASHER, 5/16 FLAT SS           8         86292460         -         2         WELMENT, DECK LEVELING BRKT           9         OPEN         -         -         -           10         860107780         -         -         SCR, M10 X 20 HIMNS GR 8.8 PLT           12         86293380         -         4         SCR, M10 X 20 HIMNS GR 8.8 PLT           12         86293380         -         4         SCR, M10 X 20 HIMNS GR 8.8 PLT           13         86012780         -         1         PULLEY ASM, 5MM HTD 22T           14         86293400         -         10         SCR, M5X12 SHCS GR 10.9 PLT           16         86293200         -         1         ASSY, JACK SHAFT DRIVE           17         768215230         09161         1         BEARING, BRONZE FLANGED           18         86223520         67598         3         PINGSPHATE           20         86279130         87083         1         WASHER, 5/16 SPLIT LOCK PLTD   | 3    |          | 87515   | 5   |                                 |            |        |
| 6         86270830         57023         5         NUT, 5/16-18 HEX NYLOCK SS           7         86010670         87029         5         WASHER, 5/16 FLAT SS           8         86292460         -         2         WELMENT, DECK LEVELING           9         OPEN         -         -         -           10         86010720         87086         4         WASHER, M10 X 30 PLTD           11         86293800         -         4         SCR, M10 X 20 HHMS GR 8.8 PLT           12         86293380         -         4         SCR, 5/16-18 X 3/4 CARR GR 10.9           13         86012780         -         1         PULLEY ASM, SMM HTD 22T           14         86277130         70795         1         SCR, M5X12 SHCS GR 10.9 PLT           15         86293400         -         10         SCR, M5X12 SHCS GR 10.9 PLT           16         86293200         -         1         ASSY, JACK SHAFT DRIVE           17         862152330         09161         1         BEARING, BRONZE F LANGED           18         86223520         67598         3         RING, 28MM INT SNAP           PHOSPHATE         1         BRACKET, BELT TENSIONER           20         86279130   | 4    |          | -       |     |                                 |            |        |
| 7         86010670         87029         5         WASHER, 5/16 FLAT SS           8         86292460         -         2         WELMENT, DECK LEVELING           9         OPEN         -         -           10         86010720         87086         4         WASHER, M10 X 30 PLTD           11         86295960         -         4         SCR, M10 X 20 HHMS GR 8.8 PLT           12         86293200         -         4         SCR, 5/16-18 X 3/4 CARR GR 10.9           13         86012780         -         1         PULLEY ASM, SMM HTD 22T           14         86277130         70795         1         SCR, 5/16 X 1.00 CARRAGE SS           15         36293400         -         10         SCR, M5X12 SHCS GR 10.9 PLT           16         36293200         -         1         ASSY, JACK SHAFT DRIVE           17         86215230         09161         1         BEARING, BRONZE FLANGED           18         86223520         67598         3         RING, 28MM INT SNAP           19         86279330         87083         1         WASHER, 5/16 SPLIT LOCK PLTD           21         86215330         11056         1         BELT, TIMING, SMM X 15MM X 55MM X 55M  | 5    |          |         | 2   | ·                               |            |        |
| Second   | 6    |          |         |     |                                 |            |        |
| Second   S | 7    | 86010670 | 87029   | 5   | ,                               |            |        |
| 10   | 8    | 86292460 | -       | 2   |                                 |            |        |
| 11   | 9    | OPEN     | -       | -   | -                               |            |        |
| 12   | 10   | 86010720 | 87086   | 4   |                                 |            |        |
| 13   | 11   | 86295960 | -       | 4   | SCR, M10 X 20 HHMS GR 8.8 PLT   |            |        |
| 14   | 12   | 86293380 | -       | 4   | SCR, 5/16-18 X 3/4 CARR GR 10.9 |            |        |
| 15         86293400         -         10         SCR, M5X12 SHCS GR 10.9 PLT           16         86293200         -         1         ASSY, JACK SHAFT DRIVE           17         86215230         09161         1         BEARING, BRONZE FLANGED           18         86223520         67598         3         RING, 28MM INT SNAP PHOSPHATE           19         86215530         140941         1         BRACKET, BELT TENSIONER           20         86279130         87083         1         WASHER, 5/16 SPLIT LOCK PLTD           21         86215310         11056         1         BELT, TIMING, 5MM X 15MM X 575           22         86223310         64116         1         PULLEY, 5MM HTD, 181, 12.7ID           23         86223490         67468         2         RING, 10MM EXT SNAP, DIN 471           24         86222880         620118         1         PLATE, BRUSH DRIVE COVER           25         86172970         70911         4         SCR, M5X12, PHLP PHMS, ISO           7046, SS         70896         10         SCR, M4X8, SET, ISO4029, CP, BLK           28         86012790         -         2         ASSY, BRSH END CAP SHFT           29         86219400         41554         1   | 13   | 86012780 | -       | 1   | PULLEY ASM, 5MM HTD 22T         |            |        |
| 16         86293200         -         1         ASSY, JACK SHAFT DRIVE           17         86215230         09161         1         BEARING, BRONZE FLANGED           18         86223520         67598         3         RING, 28MM INT SNAP PHOSPHATE           19         86215530         140941         1         BRACKET, BELT TENSIONER           20         86279130         87083         1         WASHER, 5/16 SPLIT LOCK PLTD           21         86215310         11056         1         BELT, TIMING, 5MM X 15MM X 575           22         86223310         64116         1         PULLEY, 5MM HTD, 18T, 12.7ID           23         86223490         67468         2         RING, 10MM EXT SNAP, DIN 471           24         86222890         620118         1         PLATE, BRUSH DRIVE COVER           25         86172970         70911         4         SCR, M5X12, PHLP PHMS, ISO           7046, SS         7046, SS         7046, SS           26         86223320         64117         2         PULLEY, 32T, 5MM HTD           27         86223780         70896         10         SCR, M4X8, SET, ISO4029, CP, BLK           28         86012790         -         2         ASSY, BRSH END CAP SHFT   | 14   | 86277130 | 70795   | 1   | SCR, 5/16 X 1.00 CARRAGE SS     |            |        |
| 17         86215230         09161         1         BEARING, BRONZE FLANGED           18         86223520         67598         3         RING, 28MM INT SNAP PHOSPHATE           19         86215530         140941         1         BRACKET, BELT TENSIONER           20         86279130         87083         1         WASHER, 5/16 SPLIT LOCK PLTD           21         86215310         11056         1         BELT, TIMING, 5MM X 15MM X 575           22         86223310         64116         1         PULLEY, 5MM HTD, 18T, 12.7ID           23         86223490         67468         2         RING, 10MM EXT SNAP, DIN 471           24         86222890         620118         1         PLATE, BRUSH DRIVE COVER           25         86172970         70911         4         SCR, MSX12, PHLP PHMS, ISO           7046, SS         7046, SS         7046, SS           26         86223320         64117         2         PULLEY, 32T, 5MM HTD           27         86223780         70896         10         SCR, M4X8, SET, ISO4029, CP, BLK           28         86012790         -         2         ASSY, BRSH END CAP SHFT           29         86219400         41554         1         HOUSING, BRUSH DRIVE   | 15   | 86293400 | -       | 10  | SCR, M5X12 SHCS GR 10.9 PLT     |            |        |
| 18         86223520         67598         3         RING, 28MM INT SNAP PHOSPHATE           19         86215530         140941         1         BRACKET, BELT TENSIONER           20         86279130         87083         1         WASHER, 5/16 SPLIT LOCK PLTD           21         86215310         11056         1         BELT, TIMING, 5MM X 15MM X 575           22         86223310         64116         1         PULLEY, 5MM HTD, 18T, 12.7ID           23         86223490         67468         2         RING, 10MM EXT SNAP, DIN 471           24         86222890         620118         1         PLATE, BRUSH DRIVE COVER           25         86172970         70911         4         SCR, M5X12, PHLP PHMS, ISO 7046, SS           26         86223320         64117         2         PULLEY, 32T, 5MM HTD           27         86223780         70896         10         SCR, M4X8, SET, ISO4029, CP, BLK           28         86012790         -         2         ASSY, BRSH END CAP SHFT           29         86219400         41554         1         HOUSING, BRUSH DRIVE           30         86216110         12543         1         BRUSH, 25.5 X 4.0 OD, FRONT           31         86216110         12543<  | 16   | 86293200 | -       | 1   | ASSY, JACK SHAFT DRIVE          |            |        |
| 18         86225320         6798         3         PHOSPHATE           19         86215530         140941         1         BRACKET, BELT TENSIONER           20         86279130         87083         1         WASHER, 5716 SPLIT LOCK PLTD           21         86215310         11056         1         BELT, TIMING, 5MM X 15MM X 575           22         86223310         64116         1         PULLEY, 5MM HTD, 18T, 12.7ID           23         86223490         67468         2         RING, 10MM EXT SNAP, DIN 471           24         86222890         620118         1         PLATE, BRUSH DRIVE COVER           25         86172970         70911         4         SCR, M5X12, PHLP PHMS, ISO           7046, SS         7046, SS         8         2         PULLEY, 32T, 5MM HTD           27         86223780         70896         10         SCR, M4X8, SET, ISO4029, CP, BLK           28         86012790         -         2         ASSY, BRSH END CAP SHFT           29         86219400         41554         1         HOUSING, BRUSH DRIVE           30         8621610         12540         1         BRUSH, 25.5 X 4.0 OD, REAR           32         86216750         20098         1   | 17   | 86215230 | 09161   | 1   |                                 |            |        |
| 20         86279130         87083         1         WASHER, 5/16 SPLIT LOCK PLTD           21         86215310         11056         1         BELT, TIMING, 5MM X 15MM X 575           22         86223310         64116         1         PULLEY, 5MM HTD, 18T, 12.7ID           23         86223490         67468         2         RING, 10MM EXT SNAP, DIN 471           24         86222890         620118         1         PLATE, BRUSH DRIVE COVER           25         86172970         70911         4         SCR, M5X12, PHLP PHMS, ISO           7046, SS         7046, SS           26         86223320         64117         2         PULLEY, 32T, 5MM HTD           27         86223780         70896         10         SCR, M4X8, SET, ISO4029, CP, BLK           28         86012790         -         2         ASSY, BRSH END CAP SHFT           29         86219400         41554         1         HOUSING, BRUSH DRIVE           30         86216120         12543         1         BRUSH, 25.5 X 4.0 OD, FRONT           31         86216750         20098         1         CLAMP, WORM GEAR 40-64MM           33         86291140         -         1         PULLEY, MICRO-V, 1.125 OD <t< td=""><td>18</td><td>86223520</td><td>67598</td><td>3</td><td>,</td><td></td><td></td></t<>  | 18   | 86223520 | 67598   | 3   | ,                               |            |        |
| 21         86215310         11056         1         BELT, TIMING, 5MM X 15MM X 575           22         86223310         64116         1         PULLEY, 5MM HTD, 18T, 12.7ID           23         862233490         67468         2         RING, 10MM EXT SNAP, DIN 471           24         86222890         620118         1         PLATE, BRUSH DRIVE COVER           25         86172970         70911         4         SCR, M5X12, PHLP PHMS, ISO 7046, SS           26         86223320         64117         2         PULLEY, 32T, 5MM HTD           27         86223780         70896         10         SCR, M4X8, SET, ISO4029, CP, BLK           28         86012790         -         2         ASSY, BRSH END CAP SHFT           29         86219400         41554         1         HOUSING, BRUSH DRIVE           30         86216120         12543         1         BRUSH, 25.5 X 4.0 OD, FRONT           31         86216110         12540         1         BRUSH, 25.5 X 4.0 OD, REAR           32         862917810         32061         1         EXTRUSION, DUAL BRUSH DECK           35         86291410         -         1         PULLEY, MICRO-V, 1.125 OD           36         86293230         -   | 19   | 86215530 | 140941  | 1   | BRACKET, BELT TENSIONER         |            |        |
| 22         86223310         64116         1         PULLEY, 5MM HTD, 18T, 12.7ID           23         86223490         67468         2         RING, 10MM EXT SNAP, DIN 471           24         86222890         620118         1         PLATE, BRUSH DRIVE COVER           25         86172970         70911         4         SCR, M5X12, PHLP PHMS, ISO 7046, SS 7046, SS           26         86223320         64117         2         PULLEY, 32T, 5MM HTD           27         86223780         70896         10         SCR, M4X8, SET, ISO4029, CP, BLK           28         86012790         -         2         ASSY, BRSH END CAP SHFT           29         86219400         41554         1         HOUSING, BRUSH DRIVE           30         86216120         12543         1         BRUSH, 25.5 X 4.0 OD, FRONT           31         86216110         12540         1         BRUSH, 25.5 X 4.0 OD, REAR           32         86216750         20098         1         CLAMP, WORM GEAR 40-64MM           33         86291140         -         1         PULLEY, MICRO-V, 1.125 OD           34         86217810         32061         1         EXTRUSION, DUAL BRUSH DECK           35         86219410         41555  | 20   | 86279130 | 87083   | 1   | WASHER, 5/16 SPLIT LOCK PLTD    |            |        |
| 23         86223490         67468         2         RING, 10MM EXT SNAP, DIN 471           24         86222890         620118         1         PLATE, BRUSH DRIVE COVER           25         86172970         70911         4         SCR, M5X12, PHLP PHMS, ISO 7046, SS           26         86223320         64117         2         PULLEY, 32T, 5MM HTD           27         86223780         70896         10         SCR, M4X8, SET, ISO4029, CP, BLK           28         86012790         -         2         ASSY, BRSH END CAP SHFT           29         86219400         41554         1         HOUSING, BRUSH DRIVE           30         86216120         12543         1         BRUSH, 25.5 X 4.0 OD, FRONT           31         86216110         12540         1         BRUSH, 25.5 X 4.0 OD, REAR           32         86216750         20098         1         CLAMP, WORM GEAR 40-64MM           33         86291140         -         1         PULLEY, MICRO-V, 1.125 OD           34         86219410         41555         1         HOUSING, BRUSH RELEASE CLIP           36         86293230         -         2         ASSY, BRSH END CAP SHFT           37         86172980         70912         2 <td>21</td> <td>86215310</td> <td>11056</td> <td>1</td> <td>BELT, TIMING, 5MM X 15MM X 575</td> <td></td> <td></td>   | 21   | 86215310 | 11056   | 1   | BELT, TIMING, 5MM X 15MM X 575  |            |        |
| 24         86222890         620118         1         PLATE, BRUSH DRIVE COVER           25         86172970         70911         4         SCR, M5X12, PHLP PHMS, ISO 7046, SS           26         86223320         64117         2         PULLEY, 32T, 5MM HTD           27         86223780         70896         10         SCR, M4X8, SET, ISO4029, CP, BLK           28         86012790         -         2         ASSY, BRSH END CAP SHFT           29         86219400         41554         1         HOUSING, BRUSH DRIVE           30         86216120         12543         1         BRUSH, 25.5 X 4.0 OD, FRONT           31         86216110         12540         1         BRUSH, 25.5 X 4.0 OD, REAR           32         86216750         20098         1         CLAMP, WORM GEAR 40-64MM           33         86291140         -         1         PULLEY, MICRO-V, 1.125 OD           34         86217810         32061         1         EXTRUSION, DUAL BRUSH DECK           35         86219410         41555         1         HOUSING, BRUSH RELEASE CLIP           36         86293230         -         2         ASSY, BRSH END CAP SHFT           37         86172980         70912         2   | 22   | 86223310 | 64116   | 1   | PULLEY, 5MM HTD, 18T, 12.7ID    |            |        |
| 25         86172970         70911         4         SCR, M5X12, PHLP PHMS, ISO 7046, SS           26         86223320         64117         2         PULLEY, 32T, 5MM HTD           27         86223780         70896         10         SCR, M4X8, SET, ISO4029, CP, BLK           28         86012790         -         2         ASSY, BRSH END CAP SHFT           29         86219400         41554         1         HOUSING, BRUSH DRIVE           30         86216120         12543         1         BRUSH, 25.5 X 4.0 OD, FRONT           31         86216110         12540         1         BRUSH, 25.5 X 4.0 OD, REAR           32         86216750         20098         1         CLAMP, WORM GEAR 40-64MM           33         86291140         -         1         PULLEY, MICRO-V, 1.125 OD           34         86217810         32061         1         EXTRUSION, DUAL BRUSH DECK           35         86219410         41555         1         HOUSING, BRUSH RELEASE CLIP           36         86293230         -         2         ASSY, BRSH END CAP SHFT           37         86172980         70912         2         SCR, KA50X10, PT OHS, WN1412, PLTD           38         86295970         -         4<   | 23   | 86223490 | 67468   | 2   | RING, 10MM EXT SNAP, DIN 471    |            |        |
| 25   | 24   | 86222890 | 620118  | 1   | PLATE, BRUSH DRIVE COVER        |            |        |
| 27     86223780     70896     10     SCR, M4X8, SET, ISO4029, CP, BLK       28     86012790     -     2     ASSY, BRSH END CAP SHFT       29     86219400     41554     1     HOUSING, BRUSH DRIVE       30     86216120     12543     1     BRUSH, 25.5 X 4.0 OD, FRONT       31     86216110     12540     1     BRUSH, 25.5 X 4.0 OD, REAR       32     86216750     20098     1     CLAMP, WORM GEAR 40-64MM       33     86291140     -     1     PULLEY, MICRO-V, 1.125 OD       34     86217810     32061     1     EXTRUSION, DUAL BRUSH DECK       35     86219410     41555     1     HOUSING, BRUSH RELEASE CLIP       36     86293230     -     2     ASSY, BRSH END CAP SHFT       37     86172980     70912     2     SCR, KA50X10, PT OHS, WN1412, PLTD       38     86224630     730380     2     SPRING, BRUSH CLIP       39     86295970     -     4     WASHER, M10 EXT STAR LOCK       40     86173330     87513     8     WASHER, M5 FLAT, ISO7093, SS  | 25   | 86172970 | 70911   | 4   |                                 |            |        |
| 27       86223780       70896       10       BLK         28       86012790       -       2       ASSY, BRSH END CAP SHFT         29       86219400       41554       1       HOUSING, BRUSH DRIVE         30       86216120       12543       1       BRUSH, 25.5 X 4.0 OD, FRONT         31       86216110       12540       1       BRUSH, 25.5 X 4.0 OD, REAR         32       86216750       20098       1       CLAMP, WORM GEAR 40-64MM         33       86291140       -       1       PULLEY, MICRO-V, 1.125 OD         34       86217810       32061       1       EXTRUSION, DUAL BRUSH DECK         35       86219410       41555       1       HOUSING, BRUSH RELEASE CLIP         36       86293230       -       2       ASSY, BRSH END CAP SHFT         37       86172980       70912       2       SCR, KA50X10, PT OHS, WN1412, PLTD         38       86224630       730380       2       SPRING, BRUSH CLIP         39       86295970       -       4       WASHER, M10 EXT STAR LOCK         40       86173330       87513       8       WASHER, M5 FLAT, ISO7093, SS   | 26   | 86223320 | 64117   | 2   | PULLEY, 32T, 5MM HTD            |            |        |
| 29       86219400       41554       1       HOUSING, BRUSH DRIVE         30       86216120       12543       1       BRUSH, 25.5 X 4.0 OD, FRONT         31       86216110       12540       1       BRUSH, 25.5 X 4.0 OD, REAR         32       86216750       20098       1       CLAMP, WORM GEAR 40-64MM         33       86291140       -       1       PULLEY, MICRO-V, 1.125 OD         34       86217810       32061       1       EXTRUSION, DUAL BRUSH DECK         35       86219410       41555       1       HOUSING, BRUSH RELEASE CLIP         36       86293230       -       2       ASSY, BRSH END CAP SHFT         37       86172980       70912       2       SCR, KA50X10, PT OHS, WN1412, PLTD         38       86224630       730380       2       SPRING, BRUSH CLIP         39       86295970       -       4       WASHER, M10 EXT STAR LOCK         40       86173330       87513       8       WASHER, M5 FLAT, ISO7093, SS  | 27   | 86223780 | 70896   | 10  |                                 |            |        |
| 30       86216120       12543       1       BRUSH, 25.5 X 4.0 OD, FRONT         31       86216110       12540       1       BRUSH, 25.5 X 4.0 OD, REAR         32       86216750       20098       1       CLAMP, WORM GEAR 40-64MM         33       86291140       -       1       PULLEY, MICRO-V, 1.125 OD         34       86217810       32061       1       EXTRUSION, DUAL BRUSH DECK         35       86219410       41555       1       HOUSING, BRUSH RELEASE CLIP         36       86293230       -       2       ASSY, BRSH END CAP SHFT         37       86172980       70912       2       SCR, KA50X10, PT OHS, WN1412, PLTD         38       86224630       730380       2       SPRING, BRUSH CLIP         39       86295970       -       4       WASHER, M10 EXT STAR LOCK         40       86173330       87513       8       WASHER, M5 FLAT, ISO7093, SS   | 28   | 86012790 | -       | 2   | ASSY, BRSH END CAP SHFT         |            |        |
| 31       86216110       12540       1       BRUSH, 25.5 X 4.0 OD, REAR         32       86216750       20098       1       CLAMP, WORM GEAR 40-64MM         33       86291140       -       1       PULLEY, MICRO-V, 1.125 OD         34       86217810       32061       1       EXTRUSION, DUAL BRUSH DECK         35       86219410       41555       1       HOUSING, BRUSH RELEASE CLIP         36       86293230       -       2       ASSY, BRSH END CAP SHFT         37       86172980       70912       2       SCR, KA50X10, PT OHS, WN1412, PLTD         38       86224630       730380       2       SPRING, BRUSH CLIP         39       86295970       -       4       WASHER, M10 EXT STAR LOCK         40       86173330       87513       8       WASHER, M5 FLAT, ISO7093, SS   | 29   | 86219400 | 41554   | 1   |                                 |            |        |
| 31       86216110       12540       1       BRUSH, 25.5 X 4.0 OD, REAR         32       86216750       20098       1       CLAMP, WORM GEAR 40-64MM         33       86291140       -       1       PULLEY, MICRO-V, 1.125 OD         34       86217810       32061       1       EXTRUSION, DUAL BRUSH DECK         35       86219410       41555       1       HOUSING, BRUSH RELEASE CLIP         36       86293230       -       2       ASSY, BRSH END CAP SHFT         37       86172980       70912       2       SCR, KA50X10, PT OHS, WN1412, PLTD         38       86224630       730380       2       SPRING, BRUSH CLIP         39       86295970       -       4       WASHER, M10 EXT STAR LOCK         40       86173330       87513       8       WASHER, M5 FLAT, ISO7093, SS   | 30   |          |         | 1   |                                 |            |        |
| 32       86216750       20098       1       CLAMP, WORM GEAR 40-64MM         33       86291140       -       1       PULLEY, MICRO-V, 1.125 OD         34       86217810       32061       1       EXTRUSION, DUAL BRUSH DECK         35       86219410       41555       1       HOUSING, BRUSH RELEASE CLIP         36       86293230       -       2       ASSY, BRSH END CAP SHFT         37       86172980       70912       2       SCR, KA50X10, PT OHS, WN1412, PLTD         38       86224630       730380       2       SPRING, BRUSH CLIP         39       86295970       -       4       WASHER, M10 EXT STAR LOCK         40       86173330       87513       8       WASHER, M5 FLAT, ISO7093, SS  | 31   | 86216110 | 12540   | 1   |                                 |            |        |
| 33       86291140       -       1       PULLEY, MICRO-V, 1.125 OD         34       86217810       32061       1       EXTRUSION, DUAL BRUSH DECK         35       86219410       41555       1       HOUSING, BRUSH RELEASE CLIP         36       86293230       -       2       ASSY, BRSH END CAP SHFT         37       86172980       70912       2       SCR, KA50X10, PT OHS, WN1412, PLTD         38       86224630       730380       2       SPRING, BRUSH CLIP         39       86295970       -       4       WASHER, M10 EXT STAR LOCK         40       86173330       87513       8       WASHER, M5 FLAT, ISO7093, SS   |      |          |         | 1   |                                 |            |        |
| 35       86219410       41555       1       HOUSING, BRUSH RELEASE CLIP         36       86293230       -       2       ASSY, BRSH END CAP SHFT         37       86172980       70912       2       SCR, KA50X10, PT OHS, WN1412, PLTD         38       86224630       730380       2       SPRING, BRUSH CLIP         39       86295970       -       4       WASHER, M10 EXT STAR LOCK         40       86173330       87513       8       WASHER, M5 FLAT, ISO7093, SS  | 33   | 86291140 | -       | 1   | PULLEY, MICRO-V, 1.125 OD       |            |        |
| 35       86219410       41555       1       HOUSING, BRUSH RELEASE CLIP         36       86293230       -       2       ASSY, BRSH END CAP SHFT         37       86172980       70912       2       SCR, KA50X10, PT OHS, WN1412, PLTD         38       86224630       730380       2       SPRING, BRUSH CLIP         39       86295970       -       4       WASHER, M10 EXT STAR LOCK         40       86173330       87513       8       WASHER, M5 FLAT, ISO7093, SS  | 34   | 86217810 | 32061   | 1   | EXTRUSION, DUAL BRUSH DECK      |            |        |
| 37     86172980     70912     2     SCR, KA50X10, PT OHS, WN1412, PLTD       38     86224630     730380     2     SPRING, BRUSH CLIP       39     86295970     -     4     WASHER, M10 EXT STAR LOCK       40     86173330     87513     8     WASHER, M5 FLAT, ISO7093, SS  | 35   | 86219410 | 41555   | 1   | HOUSING, BRUSH RELEASE CLIP     |            |        |
| 37 86172980 70912 2 PLTD  38 86224630 730380 2 SPRING, BRUSH CLIP  39 86295970 - 4 WASHER, M10 EXT STAR LOCK  40 86173330 87513 8 WASHER, M5 FLAT, ISO7093, SS   | 36   | 86293230 | -       | 2   | ASSY, BRSH END CAP SHFT         |            |        |
| 39 86295970 - 4 WASHER, M10 EXT STAR LOCK<br>40 86173330 87513 8 WASHER, M5 FLAT, ISO7093, SS  | 37   | 86172980 | 70912   | 2   |                                 |            |        |
| 40 86173330 87513 8 WASHER, M5 FLAT, ISO7093, SS   | 38   | 86224630 | 730380  | 2   | SPRING, BRUSH CLIP              |            |        |
|  | 39   | 86295970 | -       | 4   | WASHER, M10 EXT STAR LOCK       |            |        |
|  | 40   | 86173330 | 87513   | 8   | WASHER, M5 FLAT, ISO7093, SS    |            |        |
| 41   86224170   730410   2   SHAFT, 6.2MM BRUSH DRIVE  | 41   | 86224170 | 730410  | 2   | SHAFT, 6.2MM BRUSH DRIVE        |            |        |

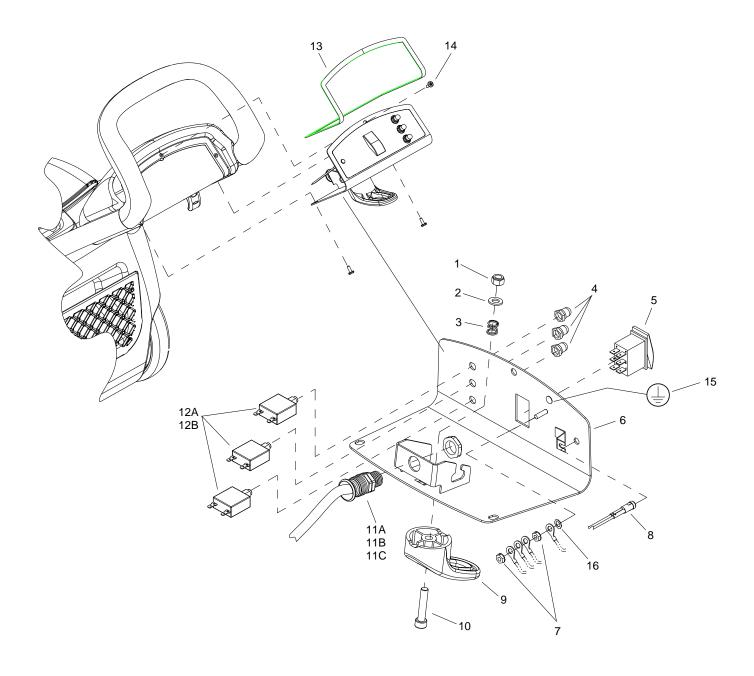
# **BRUSH MOTOR**



# **BRUSH MOTOR**

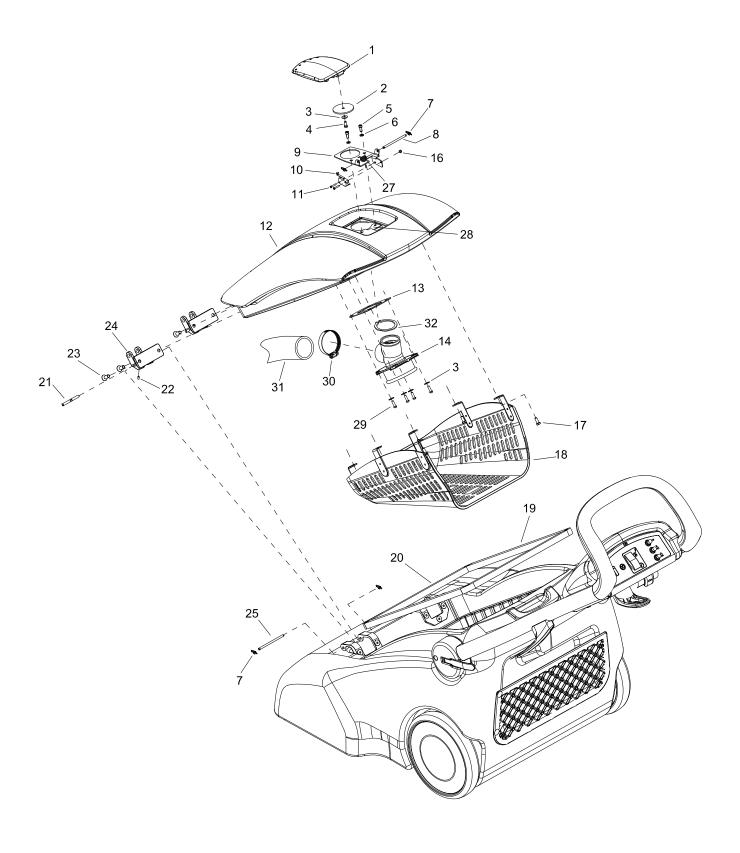
| REF | PART NO. | PRV NO. | QTY | DESCRIPTION                      | SERIAL NO.<br>FROM | NOTES:          |
|-----|----------|---------|-----|----------------------------------|--------------------|-----------------|
| 1   | 86216750 | 20098   | 2   | CLAMP, WORM GEAR 40-64MM         |                    |                 |
| 2   | 86293380 | -       | 4   | SCR, 5/16-18 X 3/4, CARR GR 10.9 |                    |                 |
| ЗА  | 86222120 | 53274   | 1   | MOTOR, 115V, 0.5HP, INDUCTION    |                    | WITH CAPACITORS |
| 3B  | 86222150 | 53279   | 1   | MOTOR, 230V, .5HP, INDUCTION     |                    |                 |
| 4   | 86012580 | -       | 1   | BRACKET, CAPACITOR, MOTOR MNT    |                    |                 |
| 5   | 86010630 | 87013   | 7   | WASHER, 1/4 ID X 5/8 OD SS       |                    |                 |
| 6   | 86173340 | 87514   | 7   | WASHER, SPLIT LOCK, 1/4, SS      |                    |                 |
| 7   | 86293270 | -       | 7   | SCR, 1/4-20 X 5/8 HHCS 10.9      |                    |                 |
| 8   | 86223780 | 70896   | 2   | SCR, M4X8, ISO4029, CP, BLK      |                    |                 |
| 9   | 86291150 | -       | 1   | PULLEY, MICRO-V, 1.80 OD         |                    |                 |
| 10  | 86291380 | -       | 1   | BELT, 290J6, MICRO-V             |                    |                 |
| 11  | 86270830 | 57023   | 4   | NUT, 5/16-18 HEX NYLOCK SS       |                    |                 |
| 12  | 86010670 | 87029   | 4   | WASHER, 5/16 FLAT SS             |                    |                 |
| 13  | 86215550 | 140970  | 2   | BRACKET, MOTOR MOUNT             |                    |                 |
| 14  | 86222900 | 620120  | 1   | PLATE, MOTOR BASE                |                    |                 |
| 15  | 86137280 | 87054   | 4   | WASHER, M8 FLAT DIN125A PLT      |                    |                 |
| 16  | 86137310 | 87098   | 4   | WASHER, M8 SPLIT LOCK            |                    |                 |
| 17  | 86274860 | 70311   | 4   | SCR, M8X20 HHMS                  |                    |                 |

# **CONTROL PANEL**



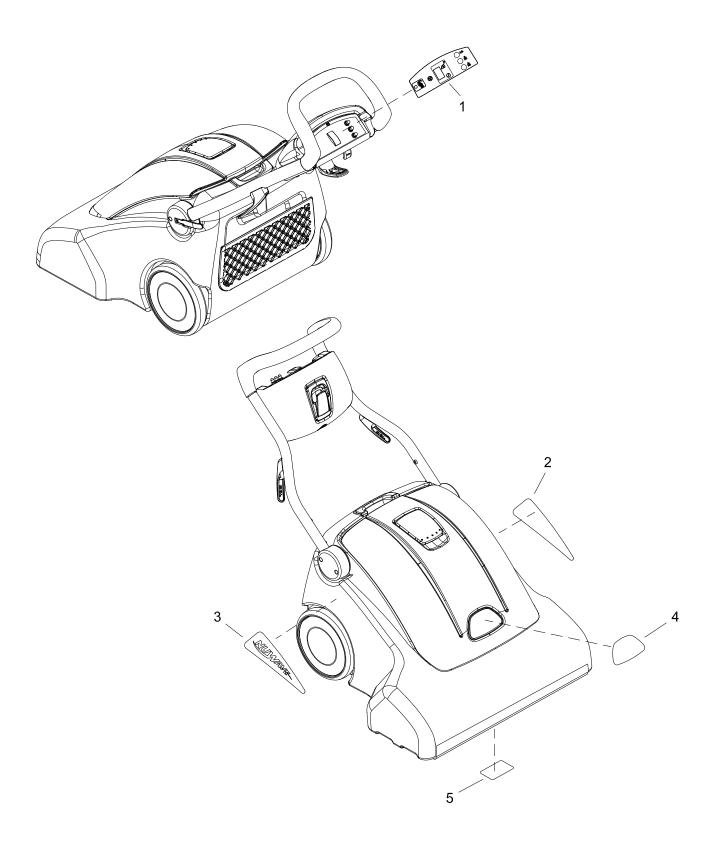
# **CONTROL PANEL**

| F   | PART NO. | PRV NO. | QTY | DESCRIPTION                       | SERIAL NO.<br>FROM | NOTES:    |
|-----|----------|---------|-----|-----------------------------------|--------------------|-----------|
| 1   | 86172640 | 57507   | 1   | NUT, M8, NYLOCK, ISO7040, SST     |                    |           |
| 2   | 86173300 | 87495   | 1   | WASHER, M8, FLAT ISO7089, SST     |                    |           |
| 3   | 86224730 | 73939   | 1   | SPRING, COMP, 12MM OD X 12.7MM    |                    |           |
| 4   | 86215410 | 140416  | 3   | BOOT, CIRCUIT BREAKER MP/MB       |                    |           |
| 5   | 86007130 | 72128   | 1   | SWITCH, DPDT 2-POSITION<br>ROCKER |                    |           |
| 6   | 86225960 | 89503   | 1   | WELDMENT, ELECTICAL PANEL         |                    |           |
| 7   | 86005700 | 57104   | 2   | NUT, 10-32 W/STAR                 |                    |           |
| 8   | 86221820 | 51467   | 1   | LIGHT, INDICATOR, RED, 120VAC     |                    |           |
| 9   | 86218960 | 41575   | 1   | HOOK, UPPER, CORD                 |                    |           |
| 10  | 86223830 | 70927   | 1   | SCR, M8X40, SHCS, ISO 4762, SST   |                    |           |
| 11A | 86217150 | 23733   | 1   | CORD ASM, 14/3 SJT X 75' YLW      |                    |           |
| 11B | 86217160 | 23734   | 1   | CORD ASM, EURO 1.5 MM X 75 BLK    |                    |           |
| 11C | 86217170 | 23735   | 1   | CORD ASM, AUST 1.5MM X 75 BLK     |                    |           |
| 12A | 86215670 | 140839  | 3   | BREAKER, 8A VDE CIRCUIT           |                    | 120V ONLY |
| 12B | 86215710 | 141046  | 3   | BREAKER, 5A VDE CIRCUIT           |                    | 230V ONLY |
| 13  | 86218290 | 35382   | 4   | GASKET, CONSOLE, HANDLE           |                    |           |
| 14  | 86276820 | 70740   | 3   | SCR, 10-32 X 1/2 PTHMS BLK NP     |                    |           |
| 15  | 86299320 | -       | 1   | LABEL, GROUND SYMBOL              |                    | 230V ONLY |
| 16  | 86010640 | 87016   | 1   | WASHER, #10 LOCK EXT STAR SS      |                    |           |



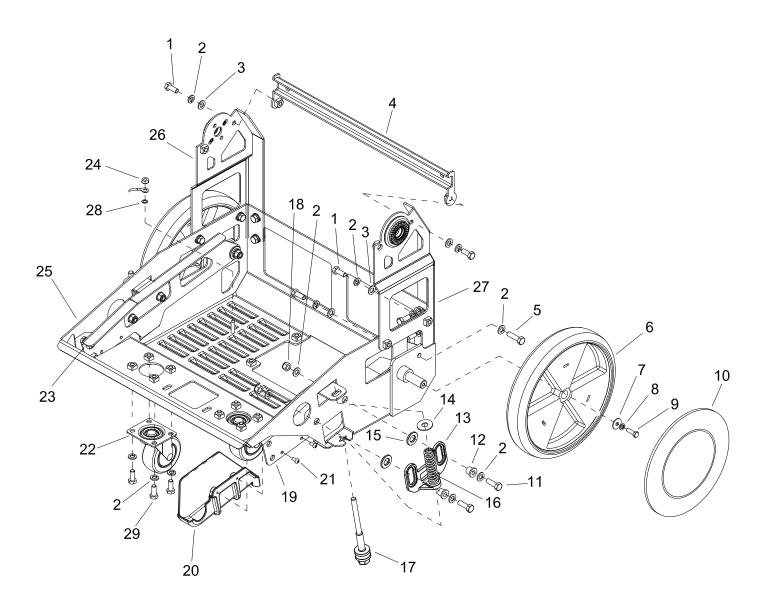
# **COVER**

| REF | PART NO. | PRV NO. | QTY | DESCRIPTION                         | SERIAL NO.<br>FROM | NOTES:    |
|-----|----------|---------|-----|-------------------------------------|--------------------|-----------|
| 1   | 86217470 | 270800  | 1   | COVER, ACCESSORY PORT               |                    |           |
| 2   | 86218300 | 36250   | 1   | GASKET, ACCESSORY PORT<br>COVER     |                    |           |
| 3   | 86173330 | 87513   | 5   | WASHER, M5, FLAT, ISO7093, SS       |                    |           |
| 4   | 86293360 | -       | 1   | SCR, M5X12 GR 8.8, PLT              |                    |           |
| 5   | 86293390 | -       | 2   | SCR, M5X15 SHCS, GR 10.9 BLK        |                    |           |
| 6   | 86173350 | 87515   | 2   | WASHER, M5, FLAT, ISO7089, SS       |                    |           |
| 7   | 86008650 | 80604   | 6   | COTTER, 1/4" RING                   |                    |           |
| 8   | 86222620 | 66891   | 1   | PIN, 5MM DIA X 85MM L               |                    |           |
| 9   | 86216030 | 620119  | 1   | BRKT, ACCESSORY PORT HINGE          |                    |           |
| 10  | 86225080 | 72152   | 1   | SWITCH, 125 VAC SP NC ROLLER        |                    |           |
| 11  | 86173110 | 70936   | 2   | SCR, M3X16, BSHCS, ISO7380,<br>SST  |                    |           |
| 12  | 86225630 | 75478   | 1   | VACUUM LID, TRIM                    |                    |           |
| 13  | 86218200 | 35372   | 1   | GASKET, FITTING ACCESSORY PORT      |                    |           |
| 14  | 86217880 | 34458   | 1   | FITTING, ACCESSORY PORT             |                    |           |
| 15  | OPEN     | -       | -   | -                                   |                    |           |
| 16  | 86295530 | -       | 1   | NUT, HEX, M3, PLT                   |                    |           |
| 17  | 86274340 | 70179   | 6   | SCR, M6 X 16 PH                     |                    |           |
| 18  | 86215160 | 141059  | 1   | BASKET, FILTER BAG MOLDED           |                    |           |
| 19  | 86238080 | 36261   | 2   | GASKET, 1 W X 5/8 FOAM, M           |                    |           |
| 20  | 86238070 | 36260   | 2   | GASKET, 1 W X 5/8 FOAM, F           |                    |           |
| 21  | 86222640 | 66893   | 2   | PIN, 6 MM DIA X 60 MM LG            |                    |           |
| 22  | 86223780 | 70896   | 2   | SCR, M4X8, SET, ISO4029, CP,<br>BLK |                    |           |
| 23  | 86293420 | -       | 4   | SCR, M8X20 FHCS BR 10.9 BLK         |                    |           |
| 24  | 86218930 | 41569   | 2   | HINGE, LID                          |                    |           |
| 25  | 86222630 | 66892   | 2   | PIN, 6MM DIA X 95 MM LG             |                    |           |
| 26  | OPEN     | -       | -   | -                                   |                    |           |
| 27  | 86224770 | 739989  | 1   | SPRING, TORSION                     |                    |           |
| 28  | 86222960 | 62866   | 1   | PLATE, ACCESSORY PORT               |                    |           |
| 29  | 86014530 | -       | 4   | SCR, KA50X16, PT, WN1412,PL         |                    |           |
| 30  | 86216750 | 20098   | 1   | CLAMP, WORM GEAR 40-64MM            |                    |           |
| 31  | 86219120 | 39736   | 1   | HOSE, 2.0 ID X 15.75L, 3.5:1        |                    |           |
| 32  | 86311920 | -       | 1   | SNAP RING, 50MM ID, BLACK           |                    |           |
| -   | 86215090 | 140949  | -   | BAG, PAPER WIDE AREA VAC            |                    | NOT SHOWN |



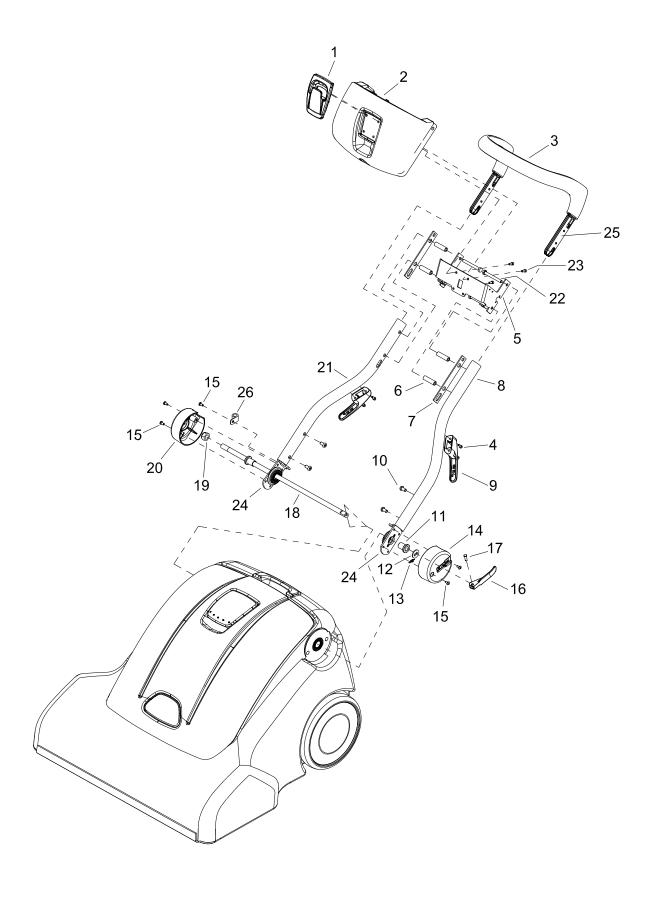
# **DECAL**

| REF | PART NO. | PRV NO. | QTY | DESCRIPTION                 | SERIAL NO.<br>FROM | NOTES: |
|-----|----------|---------|-----|-----------------------------|--------------------|--------|
| 1   | 86221460 | 501207  | 1   | LABEL, CONTROL PANEL VACUUM |                    |        |
| 2   | 86221530 | 501243  | 1   | LABEL, NUWAVE RT            |                    |        |
| 3   | 86221540 | 501244  | 1   | LABEL, NUWAVE LT            |                    |        |
| 4   | 86004970 | 50990   | 1   | LABEL, WINDSOR LOGO DOMED   |                    |        |
| 5   | 86012590 | -       | 1   | LABEL, BRUSH INSTALLATION   |                    |        |



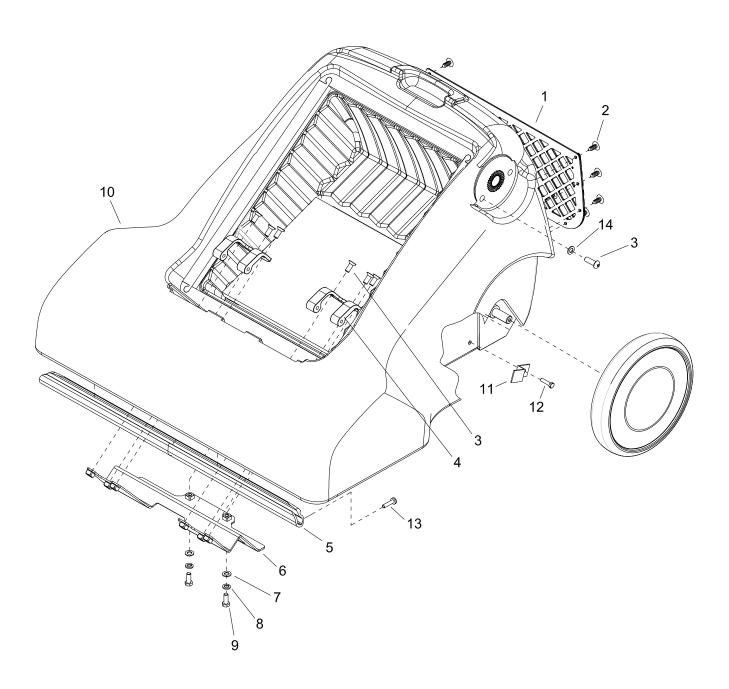
| REF | PART NO. | PRV NO. | QTY | DESCRIPTION                            | SERIAL NO.<br>FROM | NOTES: |
|-----|----------|---------|-----|--|--------------------|--------|
| 1   | 86274860 | 70311   | 10  | SCR. M8X20 HHMS                        |                    |        |
| 2   | 86137310 | 87098   | 18  | WASHER, M8 SPLIT LOCK                  |                    |        |
| 3   | 86137280 | 87054   | 22  | WASHER, M8 FLAT DIN125A PLT            |                    |        |
| 4   | 86295660 | -       | 1   | WELDMENT, HANDLE BRACE                 |                    |        |
| 5   | 86295780 | -       | 2   | M8X40 HHCS GR 8.8 PLT                  |                    |        |
| 6   | 86226050 | 89279   | 2   | WHEEL, 9.75" X 1.5"                    |                    |        |
| 7   | 86225730 | 87218   | 2   | WASHER, M6 (20.5 ODX1.6T) PLT          |                    |        |
| 8   | 86173310 | 87499   | 2   | WASHER, SPRING LK, M6,<br>DIN127B, SST |                    |        |
| 9   | 86293430 | -       | 2   | SCR, M6 X 16 HHMS GR 10.9 PLT          |                    |        |
| 10  | 86219480 | 41567   | 2   | HUBCAP, 9.75 WHEEL                     |                    |        |
| 11  | 86293440 | -       | 4   | SCR, M8X25 HHCS BR 8.8 PLT             |                    |        |
| 12  | 86228840 | 09124   | 6   | BEARING, FLANGED<br>.314IDX.502OD      |                    |        |
| 13  | 86215890 | 140951  | 2   | BRKT, SPRING ADJUST                    |                    |        |
| 14  | 86010720 | 87086   | 2   | WASHER, M10 X 30 PLTD                  |                    |        |
| 15  | 86259400 | 87205   | 8   | WASHER, THRUST .51 ID X 1<br>ODBRO     |                    |        |
| 16  | 86224690 | 730438  | 2   | SPRING, .718OD X 3.41L X .091W         |                    |        |
| 17  | 86223810 | 70925   | 2   | SCR, ADJUSTMENT DECK<br>SPRING         |                    |        |
| 18  | 86196610 | 94045   | 6   | NUT, M8 HEX NYLOCK                     |                    |        |
| 19  | 86216020 | 34461   | 1   | BRKT, DECK LINGAGE, LEFT               |                    |        |
| 20  | 86218430 | 36253   | 1   | GUARD, BELT BRUSH DRIVE                |                    |        |
| 21  | 86172980 | 70912   | 2   | SCR, KA50X10, PT OHS, WN1412,<br>PLTD  |                    |        |
| 22  | 86343450 | -       | 2   | SWIVEL CASTER, 3.7"                    | *                  |        |
| 23  | 86216010 | 34460   | 1   | BRKT, DECK LINKAGE, RIGHT              |                    |        |
| 24  | 86005700 | 57104   | 1   | NUT, 10-32 W/STAR                      |                    |        |
| 25  | 86217980 | 89499   | 1   | FRAME, WELDMENT                        |                    |        |
| 26  | 86225970 | 89508   | 1   | WELDMENT, HANDLE BRKT,<br>RIGHT        |                    |        |
| 27  | 86225980 | 89509   | 1   | WELDMENT, HANDLE BRKT, LEFT            |                    |        |
| 28  | 86010640 | 87016   | 1   | WASHER, #10 EXT STAR LOCK SS           |                    |        |
| 29  | 86277530 | 70861   | 8   | SCR, M8X1.25 X 20 LG BSHCS SS          | *                  |        |

<sup>\*</sup>CALL MANUFACTURER FOR SERIAL NUMBER.



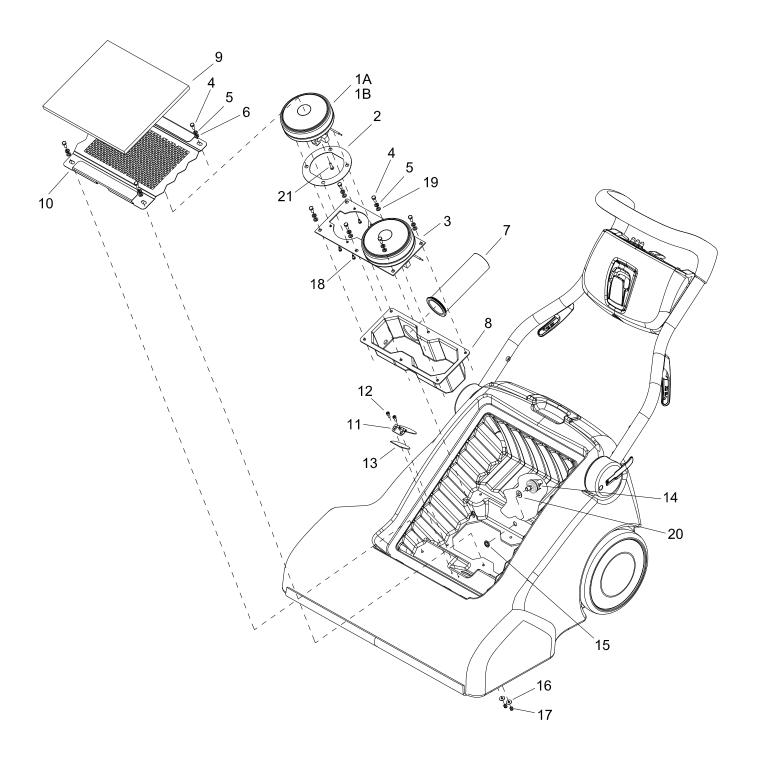
# **HANDLE**

| REF | PART NO. | PRV NO. | QTY | DESCRIPTION                             | SERIAL NO.<br>FROM | NOTES: |
|-----|----------|---------|-----|---|--------------------|--------|
| 1   | 86218970 | 41593   | 1   | HOOK, CORD, CONSOLE                     |                    |        |
| 2   | 86298140 | -       | 1   | CONSOLE, TRIMMED, BLU                   |                    |        |
| 3   | 86218600 | 38346   | 1   | HANDLE, MAIN, MOLDED GRIP               |                    |        |
| 4   | 86293400 | -       | 4   | SCR, M5X12 SHCS GR 10.9 PLT             |                    |        |
| 5   | 86215630 | 14878   | 1   | BRACKET, LEVER, CONSOLE                 |                    |        |
| 6   | 86224540 | 73588   | 4   | SPACER, 8.5 ID X 45L                    |                    |        |
| 7   | 86218190 | 35371   | 2   | GASKET, CONSOLE, TUBE                   |                    |        |
| 8   | 86218720 | 38369   | 1   | HANDLE, EXTRUSION, LEFT                 |                    |        |
| 9   | 86218950 | 41574   | 2   | HOOK, LOWER, CORD                       |                    |        |
| 10  | 86293410 | -       | 4   | SCR, M8X15 BHCS GR 8.8 PLT              |                    |        |
| 11  | 86216460 | 149983  | 2   | BUSHING, AXLE, LEVER                    |                    |        |
| 12  | 86225860 | 87519   | 1   | WASHER, LEVER, CAM HANDLE               |                    |        |
| 13  | 86008650 | 80604   | 1   | COTTER, 1/4" RING                       |                    |        |
| 14  | 86216580 | 270159  | 1   | CAP, END, HANDLE, LEFT                  |                    |        |
| 15  | 86173020 | 70916   | 5   | SCR, M5 X 10, PPHMS, ISO7045, SS        |                    |        |
| 16  | 86221770 | 51470   | 1   | LEVER, CAM HANDLE                       |                    |        |
| 17  | 86292910 | -       | 1   | PIN, COTTER, LEVER, 6MM                 |                    |        |
| 18  | 86224180 | 730433  | 1   | AXLE, PIVOT, HANDLE                     |                    |        |
| 19  | 86294660 | -       | 1   | NUT, M14 X 2.0 LOCK, ISO7040,<br>DIN985 |                    |        |
| 20  | 86216560 | 270158  | 1   | CAP, END, HANDLE, RIGHT                 |                    |        |
| 21  | 8621570  | 38368   | 1   | HANDLE, EXTRUSION, RIGHT                |                    |        |
| 22  | 86293370 | -       | 4   | SCR, M8 X 70, HHCS, GR 10.9 PLT         |                    |        |
| 23  | 86293390 | -       | 4   | SCR, M5 X 15 SHCS GR 10.9 BLK           |                    |        |
| 24  | 86225990 | 89510   | 2   | WLDMNT, MNTG PLATE, HANDLE              |                    |        |
| 25  | 86224500 | 730417  | 4   | SPACER, HANDLE EXTRUSION                |                    |        |
| 26  | 86198450 | 20005   | 1   | CLAMP, 5/16 DIA NYLON                   |                    |        |



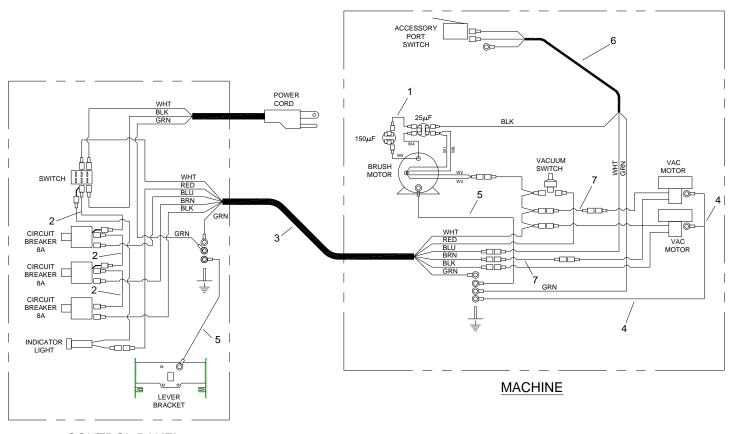
## **HOUSING**

| REF | PART NO. | PRV NO. | QTY | DESCRIPTION                  | SERIAL NO.<br>FROM | NOTES: |
|-----|----------|---------|-----|------------------------------|--------------------|--------|
| 1   | 86222230 | 58010   | 1   | NET, CARGO, MOLDED           |                    |        |
| 2   | 86292430 | -       | 11  | CLIP, TREE, FASTENER         |                    |        |
| 3   | 86297590 | -       | 6   | SCR, M8X25 FHCS, BLK         |                    |        |
| 4   | 86218940 | 41570   | 2   | HINGE, BODY                  |                    |        |
| 5   | 86291240 | -       | 1   | RAIL, GLIDE, EXTRUDED        |                    |        |
| 6   | 86215900 | 140952  | 1   | BRKT, BODY/HINGE MOUNT       |                    |        |
| 7   | 86137280 | 87054   | 4   | WASHER, M8 FLAT DIN125A PLT  |                    |        |
| 8   | 86137310 | 87098   | 2   | WASHER, M8 SPLIT LOCK        |                    |        |
| 9   | 86274860 | 70311   | 2   | SCR,M8X20 HHMS               |                    |        |
| 10  | 86225610 | 75477   | 1   | VACUUM BODY, TRIM            |                    |        |
| 11  | 86295940 | -       | 2   | BRACKET, CLIP, ROTOMOLD      |                    |        |
| 12  | 86223680 | 70700   | 2   | SCR, M5X.8X10 PHMS BLK       |                    |        |
| 13  | 86014530 | -       | 2   | SCR, KA50X16, PT, WN1412, PL |                    |        |
| 14  | 86303870 | -       | 2   | SCR, M8 X 20, BHCS, BLK      |                    |        |



#### **VACUUM**

| REF | PART NO. | PRV NO. | QTY | DESCRIPTION                            | SERIAL NO.<br>FROM | NOTES:    |
|-----|----------|---------|-----|--|--------------------|-----------|
| 1A  | 86225510 | 53817   | 2   | VAC MOTOR, 120V 5.7 1ST TF             |                    | 120V ONLY |
| 1B  | 86225520 | 53819   | 2   | VAC MOTOR, 230V 5.7 1ST TF             |                    | 230V ONLY |
| 2   | 86218310 | 36251   | 2   | GASKET, 5.50OD X 3.85ID X .06          |                    |           |
| 3   | 86223070 | 62978   | 1   | PLATE, MOUNT, VAC MOTOR                |                    |           |
| 4   | 86293430 | -       | 10  | SCR, M6X16 HHMS GR 10.9 PLT            |                    |           |
| 5   | 86173310 | 87499   | 10  | WASHER, SPRING LK, M6,<br>DIN127B, SST |                    |           |
| 6   | 86279070 | 87056   | 4   | WASHER, M6 FLAT                        |                    |           |
| 7   | 86290450 | -       | 1   | TUBE, EXHAUST, VAC CHAMBER             |                    |           |
| 8   | 86290120 | _       | 1   | BOX, ENCLOSURE, VAC MOTOR              |                    |           |
| 9   | 86217850 | 34459   | 1   | FILTER, VAC CHAMBER                    |                    |           |
| 10  | 86223960 | 739988  | 1   | SCREEN, VAC CHAMBER                    |                    |           |
| 11  | 86234760 | 27674   | 1   | COVER, ACCESSORY PORT                  |                    |           |
| 12  | 86293390 | -       | 2   | SCR, M5X15 SHCS GR10.9 BLK             |                    |           |
| 13  | 86003780 | 35171   | 1   | GASKET, ACCESSORY PORT                 |                    |           |
| 14  | 86257160 | 72199   | 1   | SWITCH, VACUUM 15" H20 NC/NO           |                    |           |
| 15  | 86137350 | 87216   | 1   | WASHER, 1/8NPT, BRASS                  |                    |           |
| 16  | 86173330 | 87513   | 2   | WASHER, M5, FLAT, ISO7093, SS          |                    |           |
| 17  | 86024750 | 94028   | 2   | NUT, M5 HEX NYLOCK                     |                    |           |
| 18  | 86277380 | 70835   | 8   | SCR, M4.8 X 16 PHTF                    |                    |           |
| 19  | 86225730 | 87218   | 6   | WASHER, M6 (20.5 OD X 1.6 T)<br>PLT    |                    |           |
| 20  | 86010720 | 87086   | 1   | WASHER, M10 X 30 PLTD                  |                    |           |
| 21  | 86288450 | 70689   | 2   | SCR, M4.8 X 10 HHTF TYPE B             |                    |           |

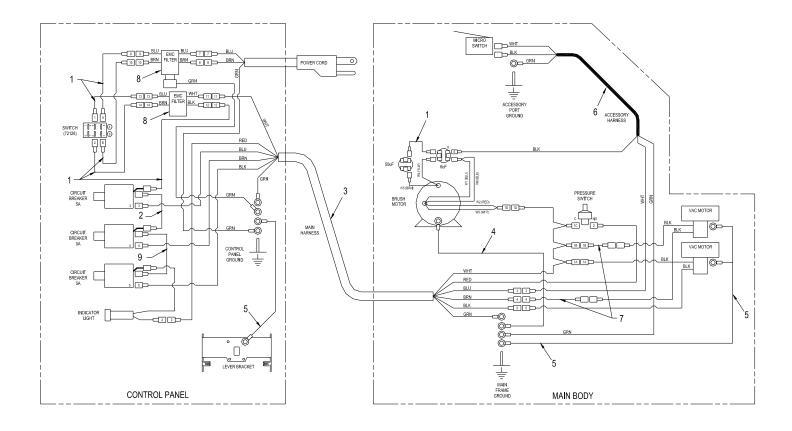


**CONTROL PANEL** 

## **WIRING DIAGRAM-120V**

| REF | PART NO. | PRV NO. | QTY | DESCRIPTION                    | SERIAL NO.<br>FROM | NOTES: |
|-----|----------|---------|-----|--------------------------------|--------------------|--------|
| 1   | 86266900 | 880095  | 1   | WIRE, 5" BLK/14 76029 X 76029  |                    |        |
| 2   | 86268400 | 88301   | 3   | WIRE, 3" BLK/14 76029 X 76050  |                    |        |
| 3   | 86218860 | 41579   | 1   | HARNESS, MAIN VACUUM           |                    |        |
| 4   | 86267290 | 880262  | 2   | WIRE, 14" GRN/18 76008 X 76011 |                    |        |
| 5   | 86268210 | 88205   | 2   | WIRE, 15" GRN/18 76008 X 76008 |                    |        |
| 6   | 86218850 | 41578   | 1   | HARNESS, SWITCH VACUUM         |                    |        |
| 7   | 86295540 | -       | 2   | WIRE, JUMPER, 130L X 14GA BLK  |                    |        |

# **WIRING DIAGRAM-230V**



## **WIRING DIAGRAM-230V**

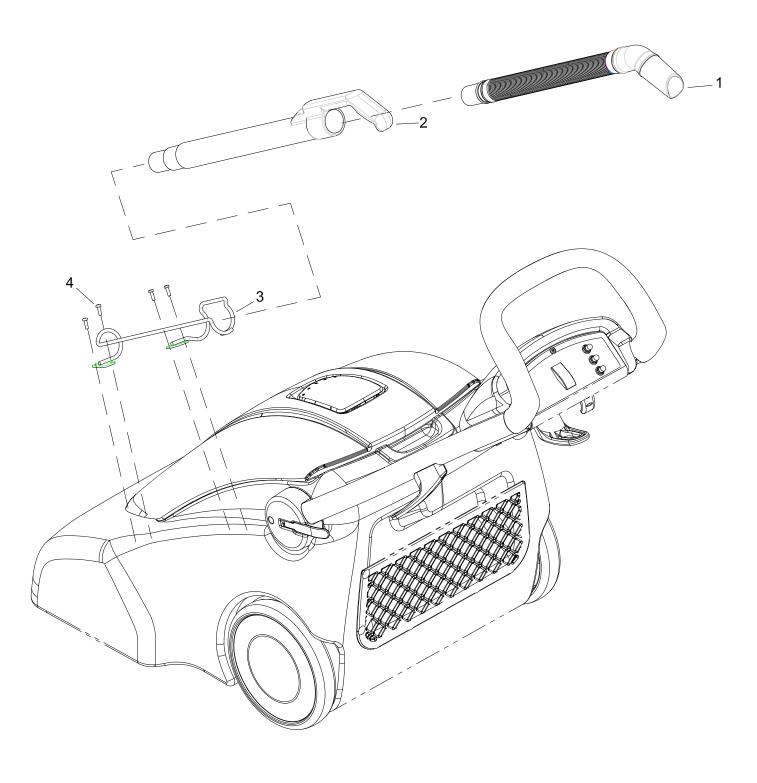
| REF | PART NO. | PRV NO. | QTY | DESCRIPTION                    | SERIAL NO.<br>FROM | NOTES: |
|-----|----------|---------|-----|--------------------------------|--------------------|--------|
| 1   | 86266900 | 880095  | 6   | WIRE, 5" BLK/14 76029 X 76029  |                    |        |
| 2   | 86268400 | 88301   | 2   | WIRE, 3" BLK/14 76029 X 76050  |                    |        |
| 3   | 86218860 | 41579   | 1   | HARNESS, MAIN, VACUUM          |                    |        |
| 4   | 86267290 | 880262  | 1   | WIRE, 14" GRN.18 76008 X 76011 |                    |        |
| 5   | 86268210 | 88205   | 3   | WIRE, 15" GRN/18 76008 X 76008 |                    |        |
| 6   | 86218850 | 41578   | 1   | HARNESS, SWITCH VACUUM         |                    |        |
| 7   | 86295540 | -       | 2   | WIRE, JUMPER, 130L X 14GA BLK  |                    |        |
| 8   | 86217770 | 23213   | 1   | EMC TILTER ASSY                |                    |        |
| 9   | 86303880 | -       | 1   | WIRE, 3" BLK/14 76050X76050    |                    |        |

## **SUGGESTED SPARE PARTS**

| REF | PART NO. | PRV NO. | DESCRIPTION SERIAL NO. FROM    |  | NOTES:      |
|-----|----------|---------|--------------------------------|--|-------------|
| 1   | 86216120 | 12543   | BRUSH, 25.5 X 4.0 OD, FRONT    |  |             |
| 2   | 86216110 | 12540   | BRUSH, 25.5 X 4.0 OD, REAR     |  |             |
| 3   | 86215310 | 11056   | BELT, TIMING, 5MM X 15MM X 575 |  |             |
| 4   | 86291380 | -       | BELT, 290J6, MICRO-V           |  |             |
| 5A  | 86215670 | 140839  | BREAKER, 8A VDE CIRCUIT        |  | 120V ONLY   |
| 5B  | 86215710 | 141046  | BREAKER, 5A VDE CIRCUIT        |  | 230V ONLY   |
| 6   | 86007130 | 72128   | SWITCH, DPDT 2-POSITION ROCKER |  |             |
| 7   | 86135320 | 140687  | BRUSH SET                      |  | 120V & 230V |
| 8   | 86215090 | 140949  | BAG, PAPER WIDE AREA VAC       |  |             |
| 9   | 86224630 | 730380  | SPRING, BRUSH CLIP             |  |             |
| 10  | 86012790 | -       | SHAFT ASM, BRUSH DRIVE         |  |             |
| 11  | 86217850 | 34459   | FILTER, VAC CHAMBER            |  |             |
| 12  | 86292930 | -       | GASKET, BASE PLATE             |  |             |
| 13  | 86218290 | 35382   | GASKET, CONSOLE, HANDLE        |  |             |
| 14  | 86238080 | 36261   | GASKET, 1 W X 5/8 FOAM, M      |  |             |
| 15  | 86238070 | 36260   | GASKET, 1 W X 5/8 FOAM, F      |  |             |
| 16  | 86218200 | 35372   | GASKET, FITTING ACCESSORY PORT |  |             |
| 17  | 86218190 | 35371   | GASKET, CONSOLE, TUBE          |  |             |
| 18  | 86003780 | 35171   | GASKET, ACCESSORY PORT         |  |             |
| 19  | 86218310 | 36251   | GASKET, 5.50OD X 3.85ID X .06  |  |             |

# **OPTIONS**

# **HOLSTER-OPTION**



## **HOLSTER - OPTION**

| REF | PART NO. | PRV NO. | QTY | DESCRIPTION                    | SERIAL NO.<br>FROM | NOTES: |
|-----|----------|---------|-----|--------------------------------|--------------------|--------|
| 1   | 86308710 | -       | 1   | ASSY, HOSE                     |                    |        |
| 2   | 86141550 | 5045HG  | 1   | EXTENSION TUBE                 |                    |        |
| 3   | 86305100 | -       | 1   | WIRE FORM, HOLSTER             |                    |        |
| 4   | 86276850 | 70745   | 4   | SCR, #10 X 5/8 PPHST HI LO BLK |                    |        |

#### **NOTES:**