

# TRAINING GUIDE

**PRODUCT:** DRYER  
**MODEL:** AS66VX, A45V

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# REPAIR MANUAL

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## SAFE SERVICE PRACTICES

This Repair Manual is intended for persons having electrical and mechanical training and a level of knowledge of these subjects generally considered acceptable in the Appliance Service Industry. Ariston cannot be responsible, nor assumes any liability for injury or damages of any kind arising from the use or misuse of the information contained in this Repair Manual.

If you have any questions regarding the proper diagnosis, repair or operation of any Splendide Appliance,, please contact Splendide Division Westland Sales at 1-800-356-0766

### SERVICING SAFEGAURDS:

To avoid personal injury and/or property damage, it is important that safe servicing practices be observed at all times. Examples of safe service practices are listed below but are not limited to the following:

- 1) Never attempt a product repair if you have any doubts as to your ability to complete the repair in a safe and satisfactory manner.
- 2) Before servicing or removing an appliance:
  - Disconnect power to the appliance.
  - Turn off the gas / LP supply.
  - Turn off the water supply.
- 3) Never interfere with the proper operation of any safety device.
- 4) Use only genuine factory replacement parts as substitutions may interfere with compliances to home safety codes or standards.
- 5) It is extremely important that all safety ground connections be reestablished prior to the completion of the service call. Failure to do so will result in a hazardous condition being created.
- 6) Prior to returning the appliance back into active service, ensure the following:
  - All electrical connections are correct and secure.
  - Electrical leads are properly dressed and secured away from sharp edges, high temperature components and moving parts.
  - All non-insulated electrical terminals, connectors, heaters, etc. are adequately spaced away from metal parts or panels.
  - All safety grounds (both internal and external) are correctly and securely connected.
  - All access panels are properly and securely reassembled.

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## 1. MODEL & SERIAL NUMBER LOCATION



Fig. 1-1

- The Model and Serial Number Tag is located behind the door on the upper right hand side (Fig. 1-1).



Fig. 1-2

- The Model shown is an A45V with a Serial Number of 404220019.

**Note:** Numbers located below the nine (9) digit Serial Number are not required on the Warranty Claim Form.

## 2. TOP PANEL



Fig. 2-1

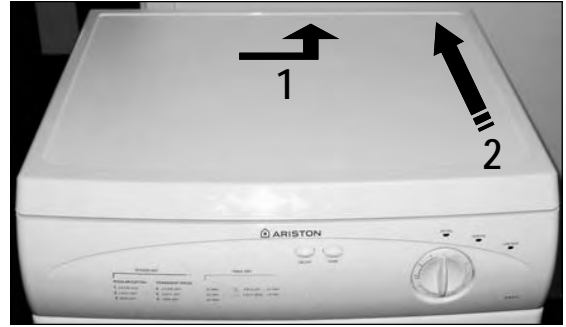


Fig. 2-2

- To remove the Top Panel, first remove the two (2) Phillips screws located at the rear corners of the panel (Fig. 2-1). With the two screws removed lift the rear of the panel up approximately three (3) inches and then slide the panel back, moving it away from the Control Panel (Fig. 2-2)



Fig. 2-3

- With the Top Panel removed you can see the two (2) alignment slots on top of the Frame (Fig. 2-3) that correspond to the two (2) Alignment Tabs on the bottom of the Top Panel (Fig. 2-4). When re-installing the panel make sure to align the tabs and slots and then slide the panel back into place. A close up of an Alignment Tab can be seen in Fig. 2-5.



Fig. 2-4

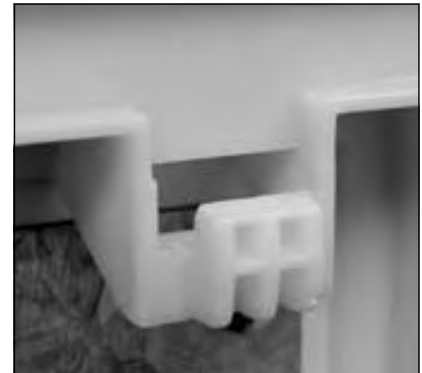


Fig. 2-5

## 3. PROGRAM SELECTOR



Fig. 3-1



Fig. 3-2

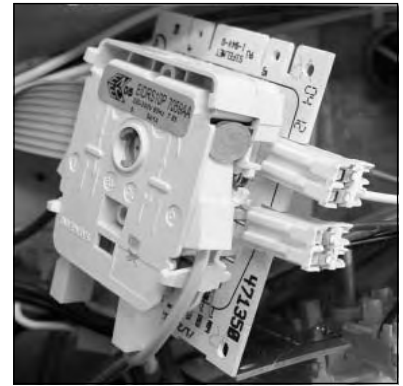


Fig. 3-3

- To remove the Program Selector, first remove the Program Selector Knob by using a small screwdriver to pry it off the Selector Shaft (Fig. 3-1), remember to mask the area to prevent damaging the Control Panel. With the Program Selector Knob removed, remove the two (2) Phillips screws (Fig. 3-2). Before removing the Program Selector note the wiring configuration (Fig. 3-3).

## 4. CONTROL PANEL

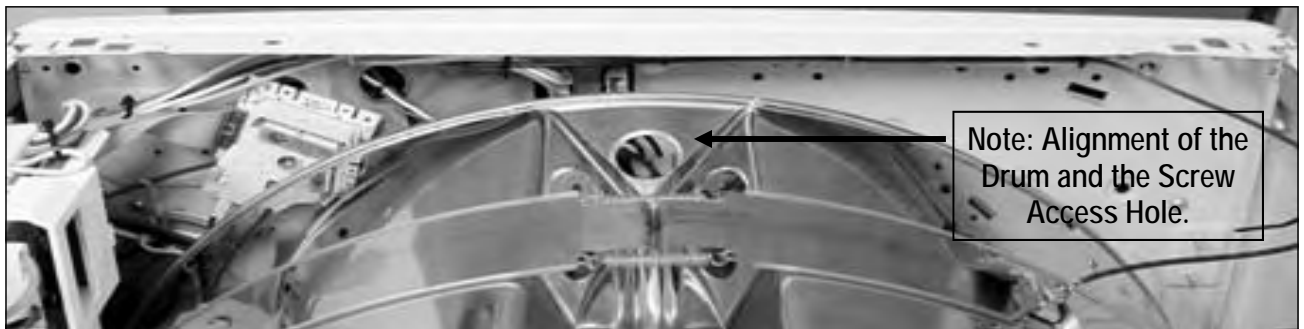


Fig. 4-1

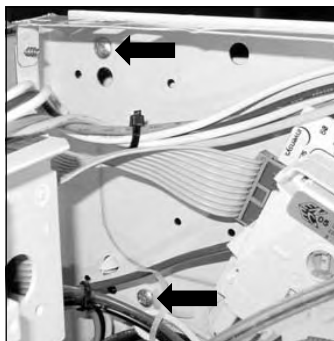


Fig. 4-2



Fig. 4-3

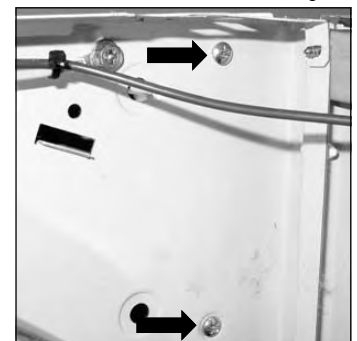


Fig. 4-4

- To remove the Control Panel, first remove the Program Selector Knob as described in Section 3. Then remove the five (5) Phillips Control Panel Mounting Screws (Fig. 4-1). There are two screws located on the right side (Fig. 4-2), two screws located on the left side (Fig. 4-4) and a single screw located in the middle. To remove the middle screw, rotate the Drum until one of the access holes lines up with the screw, now place your Phillips Screwdriver into the access well and remove the screw (Fig. 4-3).

## 5. CONTROL PANEL COMPONENTS



Fig. 5-1



Fig. 5-2

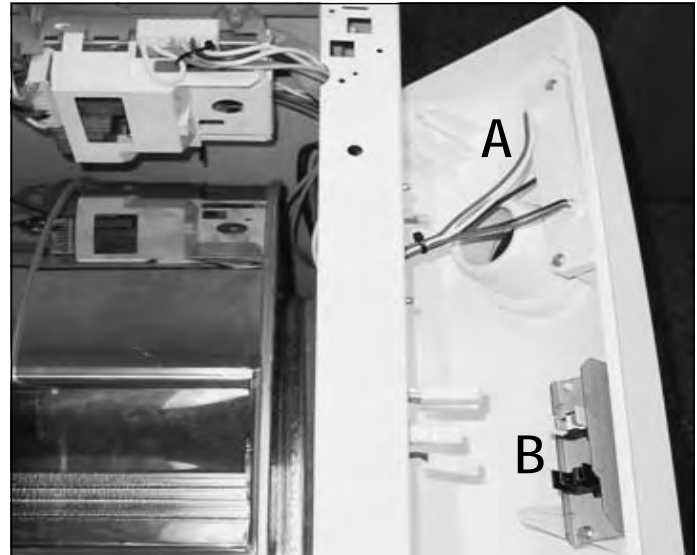


Fig. 5-3

- To remove the On / Off Switch and Start Switch (Fig. 5-1) or the LED Indicators (Fig. 5-2) first remove the Control Panel as described in Section 4. With the Control Panel Mounting Screws removed, angle the Control Panel down to allow access to the LED Assembly (A) or the Microswitch Assembly (B) (Fig. 5-3). Either component can be replaced by removing the two (2) Phillips screws that secure the assemblies in place.

**TECH NOTE:** The On / Off and Start Buttons can be replaced without removing the Control Panel. First mask the area to protect against damaging the Control Panel, then carefully insert a small screwdriver between the bottom of the Button and the Control Panel and then carefully pry the Button out and off.

## 6. DRYNESS SENSOR MODULE

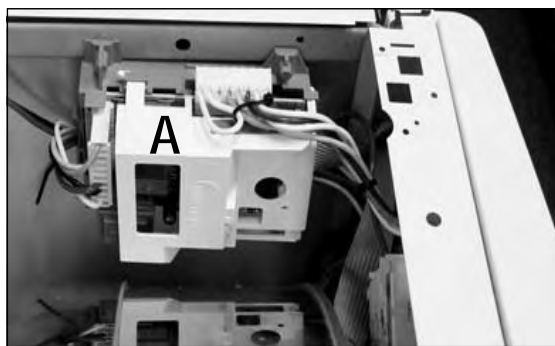


Fig. 6-1

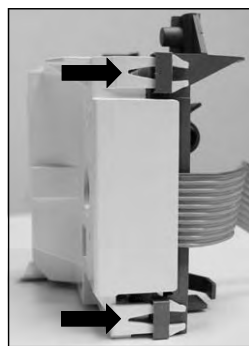


Fig. 6-2

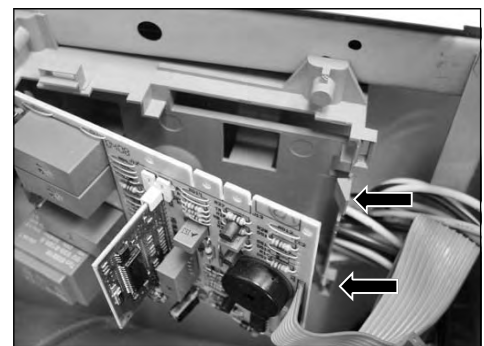


Fig. 6-3

- To remove the Dryness Sensor Module, first remove the Module Cover (A) (Fig. 6-1) by unlatching the two (2) Module Cover Latches located on the front top and bottom of the Module Housing (Fig. 6-2). Then swing the Module Cover out and off removing it from its rear hinge. With the Module Cover removed disconnect the wiring and then slide the Module Board out from the Module Housing by pressing the two (2) Sensor Board Release Latches (Fig. 6-3).

## 7. HEATER & THERMOSTAT ASSEMBLY



Fig. 7-1

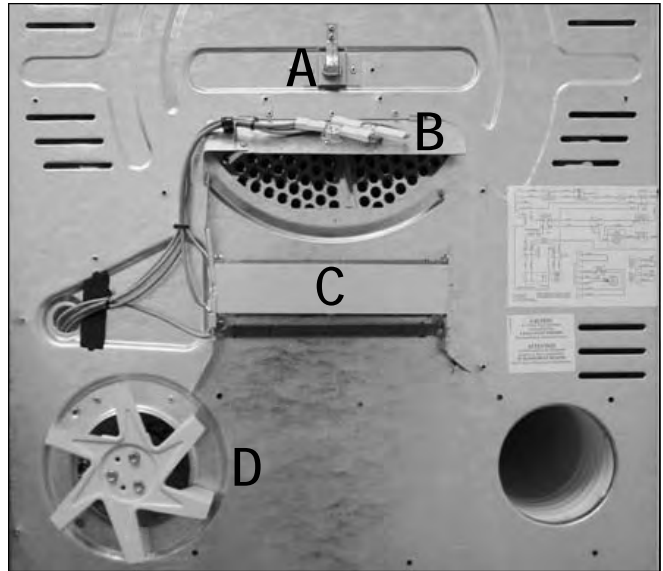


Fig. 7-2

- To access the Heating Element or Thermostats remove the Rear Access Panels (Fig. 7-1) in this order; Bearing Cover (1), Panel Support (2) and then the Rear Cover (3). With the Rear Access Panels removed you have access to the following components.

- A. Drum Bearing Block
- B. Thermostat Assembly
- C. Heating Element
- D. Blower Fan Blade

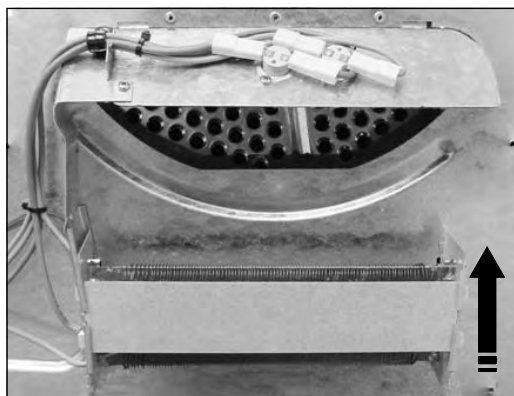


Fig. 7-3

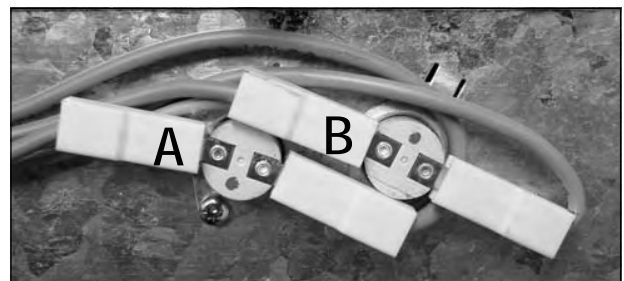


Fig. 7-4

### THERMOSTATS:

- A. High Limit, non-resettable 250°f
- B. Cycling, 185°f

- The Heating Element is held in place using a tab and slot configuration (Fig. 7-3). To remove, release the left and right tabs and then slide the Heating Element up and out of its slot. The Thermostats (Fig. 7-4) are each held in place with two (2) Phillips screws, remove the screws and replace the Thermostat.



## 8. SIDE PANELS

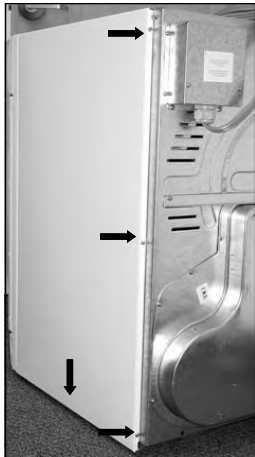


Fig. 8-1



Fig. 8-2



Fig. 8-3

- To remove the Side Panels, remove the Four (4) Phillips screws that mount the Panel to the Frame. There are three (3) screws located along the rear frame edge and a single screw located in the middle of the bottom panel (Fig. 8-1). When removing the panel note the three (3) alignment pegs along the front frame edge that secure the Side Panel to the Front Frame (Fig.8-2). With the Right Side Panel removed you now have access to the Main Motor and Drum Belt (Fig. 8-3).

## 9. MAIN MOTOR

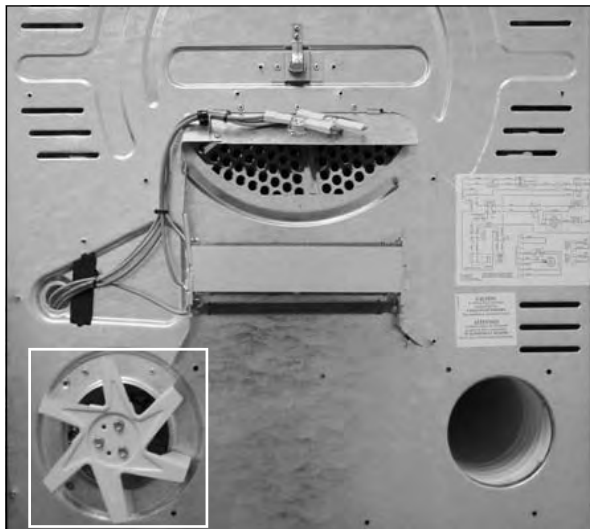


Fig. 9-1

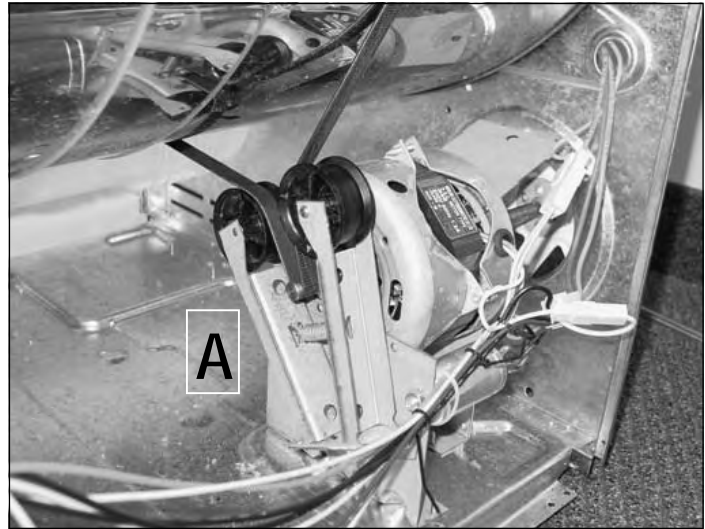


Fig. 9-2

- To access the Main Motor (Fig 9-2), first remove the Rear Access Panels as described in Section 7, then remove the Right Side Panel as described in Section 8. To replace the Main Motor, remove the three (3) 8mm bolts securing the Blower Fan Blade to the Motor Shaft (Fig. 9-1), then disengage the Drum Belt from the Pulley Wheels (A) (Fig 9-2). The Motor is held to the Motor Mounts with six (6) 8mm Bolts, two (2) front and four (4) rear. With the bolts removed the Motor will slide out from the Motor Mount.

## 10. DRUM BELT



Fig. 10-1



Fig. 10-2



Fig. 10-3

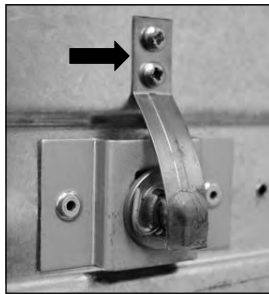


Fig. 10-4

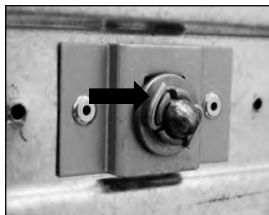


Fig. 10-5



Fig. 10-6

- To remove Drum Belt, first remove the Right Side Panel as described in Section 8 (Fig. 10-1). Then disengage the Drum Belt from the Pulley Wheels (Fig.10-2). Next, remove the two (2) Phillips screws that attach the Bearing Block Cover to the Rear Panel (Fig. 10-3).

- With the Bearing Block Cover removed, remove the two (2) Phillips screws that attach the Drum Grounding Strip (Fig. 10-4) then using a Needle Nose Pliers to remove the Drive Pin (Fig. 10-5).

**TECH NOTE:** Be careful not to damage the Drive Pin, since you will need to reuse it.

- Next, remove the Right Side Strut (A) (Fig.10-6). Now separate the Rear Panel from the Drum and slide the Drum Belt out and off (Fig. 10-6).

## 11. TOE KICK



Fig. 11-1

- To remove Toe Kick (Fig. 11-1), remove the Left and Right Side Panels as described in Section 8. With the Side Panels removed, remove the two (2) Phillips screws that hold the Toe Kick in place and slide the Toe Kick off from its mounting slots (Fig. 11-2).

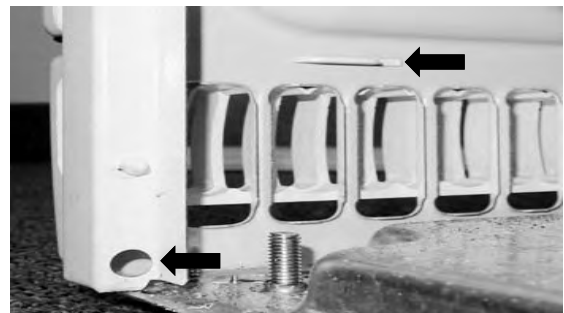


Fig. 11-2

## 12. SCHEMATIC

