

## ADS EXHAUST FAN RELAY KIT

P/N # 388-1007

Attach the relay in the control box using a #8-32 screw and lock nut. Drill a 3/16 hole for the screw; place it in the lower right-hand bottom of the control box.

Two yellow wires attached to terminals 7 and 6 on the fan relay are connected to terminals #13 and #14 on slave contacts snapped on to the "wash motor" contactor on an HT-25 and the "conveyor motor" contactor on an ADC-44-66. Wire # 14 to pin 7 and # 13 to pin 6.

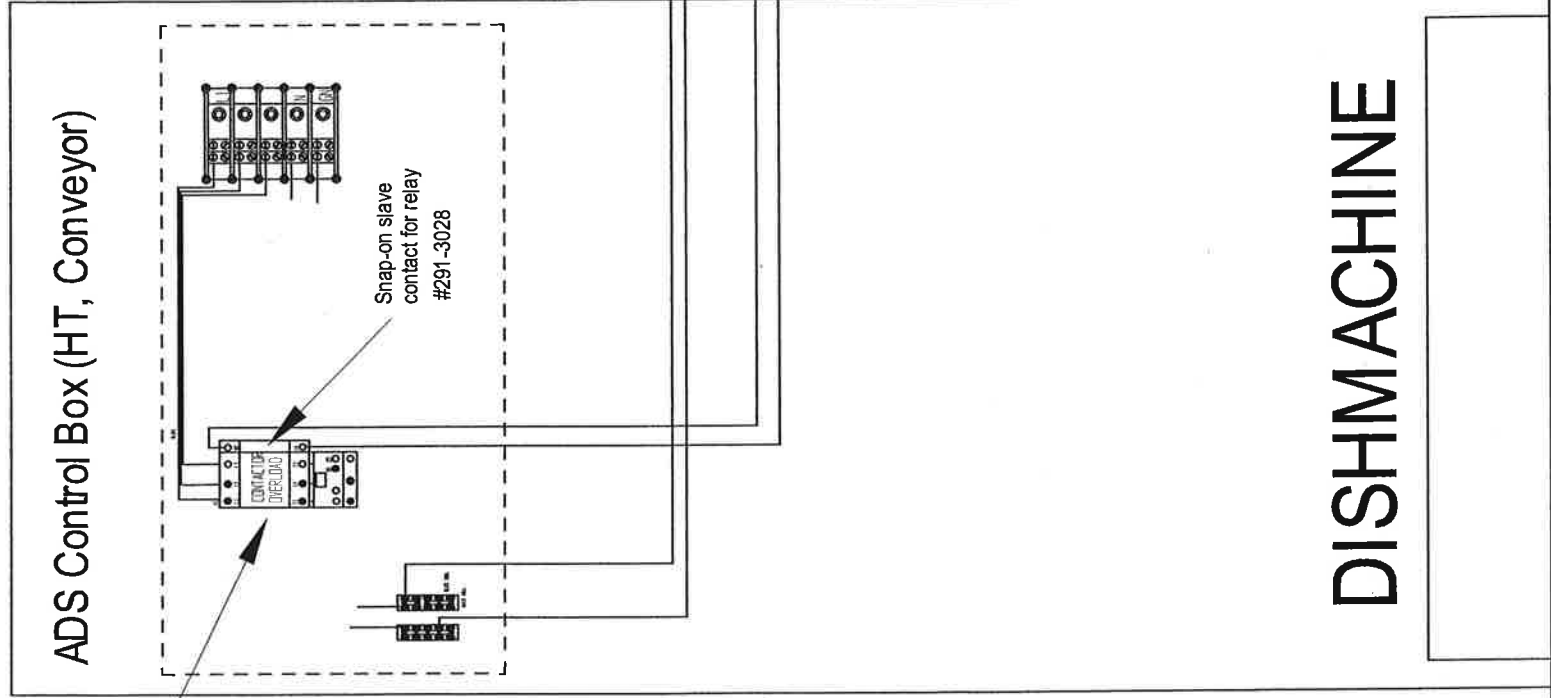
A black wire is attached to pin 2 on the relay and the other end is connected to the 120-volt terminal strip on the lower half of the terminals. This is so the fan will stay on when the dishmachine door is opened.

A white wire is attached to pin 3 with a piggyback spade connector and the other end is connected to the white terminal strip in the lower left-hand corner of the control box as neutral signal.

When the wires for controlling the coil on an exhaust fan motor contactor (120v) are brought into the HT-25 or ADC-44 control box, they are attached to pin 1 (black) and pin 3 (white) on the open piggy-back spade. The relay has a dial that can be calibrated from 15 to 300 seconds so the fan will stay on after the machine shuts off.

<u>Part Number</u>	<u>Qty</u>	<u>Description</u>
291-3025	1	Time delay relay
091-5105	3'	Yellow wire, 18 g
091-5109	1'	Black wire, 18 g
091-5108	1'	White wire, 18 g
091-5244	2	Blue Fork Connector
091-5247	4	Blue Female Spade Connectors
091-6158	1	Piggy-back Spade Connector
098-1206	1	8-32 x 1.375" long screw
098-2201	1	8-32 lock nut
291-3028	1	Slave contacts for Contactor

4/12/10 (RP)



# DISHMACHINE

Exhaust Hood

Fan Motor

Contactor for fan supplied by others

Exhaust Fan Relay Box (wall mounted)

Relay times out 40 seconds after cycle end.

Power Supply

Warning: do not run exhaust motor with voltage from the ADC-44/66. Only a signal can be provide by the conveyor's circuit