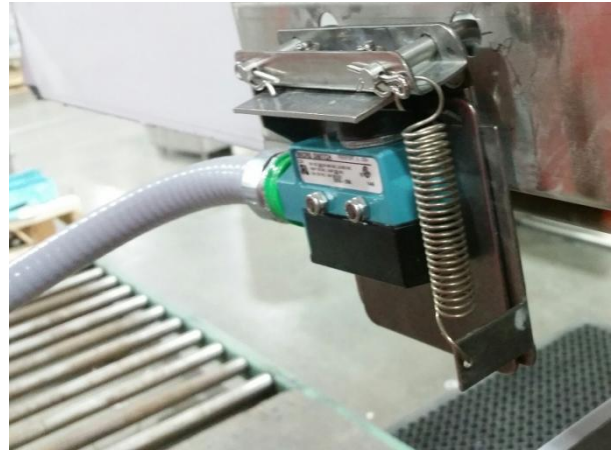


TECHNICAL SUPPORT MATERIAL

Routine and Preventative Maintenance

Conveyors used with short tables

If short clean tables or “L” tables are used, ADS recommends the Table Limit Switch (288-1044)



ADS does not recommend short or horseshoe table layouts of conveyor dishmachines; “L” clean tables with a curved band do not guide the racks completely around the bend—these table bands are not recommended.

When conveyor machines are used with short clean tables without the table limit switch, several problems occur. Pushing racks out against the end of a table causes the rocker arm safety clutch to override the cam bearing. When this safety clutch is used as an operational limit—the springs will fail over time. When racks back up against the safety clutch and extend into the machine, the spring back from the clutch can kick the racks against the sequence bars on the tray track inside, which causes the motor to start/stop with 1.5 seconds. We’ve seen machines left unattended for extended periods, with racks riding the clutch. This continuous action fatigues the metal in both shaft and impeller.



Short clean table on conveyor



Safety slip clutch spring on rocker arm

Overly short clean tables cause damage to apparatus such as motor shafts, conveyor dogs, rocker arm bearings, springs, pumps and impellers. ADS will not warranty damage caused by these short tables.



Damaged impeller from excessive start/stop



Cam bearing and springs of conveyor