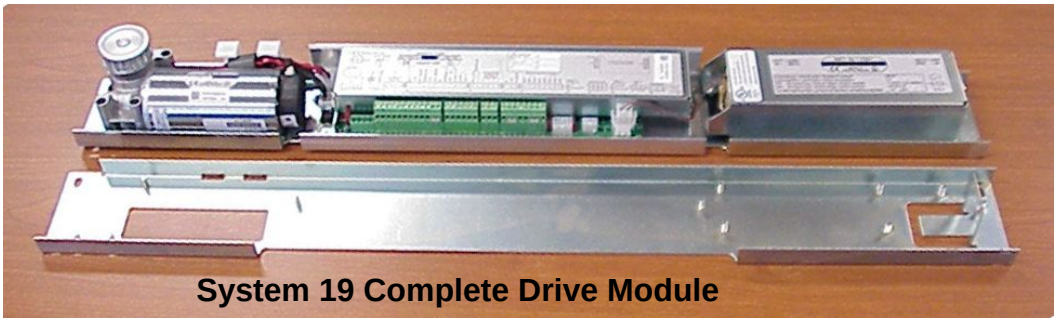
SERIES 5100 SYSTEM 19 TO SYSTEM 20 REPLACEMENT MATRIX

March 2014 BG

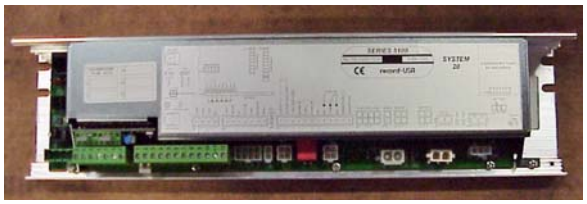


System 19 Complete Drive Module

Note: record no longer has the System 19 Motordrive in stock which results in the following replacement requirements.

Components identified first by being mounted on a chassis. Next, the Motordrive, Part # 9-99-2154 is recognized by the encoder housing being smaller in diameter than the motor and having a flat white encoder harness plug attached. Last, the control assembly is identified by reading the part #9-99-1322 on the label and finding the safety beam connections would be made to a control connector plug (30 - 37).

System 20 Kit Components



Complete Kit Part # with Power Supply 4-51-0826

The Motordrive, Part #4-51-0144 is identified by having a plate attached for mounting to the header and labeled ATE20 on the motor portion, plus a new encoder system incorporating RJ-11 plugs on both ends of the harness and the housing matching the diameter of the motor. The Control Assembly (STG20) will also mount directly to the header and be labeled with Part# 9-99-1325 and read System 20. And last, the safety beam connections will land on a plug-in PCB Board labeled 30 - 37.

Failures	Replacements
9-99-2154 System 19 Motordrive	4-51-0144 Motordrive & Plate Assy.
	9-99-1325 Control Assy. System 19 Control will not drive the new encoder system on the System 20 Motordrive. Will have to remove complete chassis and cut chassis in front of Power Supply to remount it into the header.
9-99-1322 System 19 Control	9-99-1325 Control Assy. System 20 Control will drive both the System 19 and the System 20 Motordrive. Will have to configure Motor Type to ATE19 Large for the System 19 Motordrive..

4-51-0142 Power Supply (NET20) System 20, if needed. Also bolts directly to the header.