



Technical Memo #011.1

Subject:	42-0007-007 Replacement Stepper Motor
Release Date:	October 19, 2011
Systems Affected:	DSS-200 Series 2 CE, DSS-200 Synergy and Synergy Integra
Reference Components:	42-0007-007 MOTOR,STPR,5.5V 1.25A 14-8892-012 HRNSS,STEPPER MTR,DC 12-8800-089 ASSY,STP MTR,ROLLER POSITN,CMC
Summary:	Information regarding replacement components related to the obsolescence of stepper motor 42-0007-007 used for Gripper Rotation and Roller Positioning.

Background

The stepper motor (PN 42-0007-007) used to control the Gripper Rotation or a Synergy system Roller Position motor has been discontinued by the manufacturer. A replacement motor (PN 42-0007-007-01) is available but due to physical changes of the motor additional parts are required when the motor is replaced.



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System Integration

Gripper Rotation Application

To replace the motor used for Gripper Rotation order the motor and a new pulley using Part Number **26-8872-906 REPL, GRIPPER MOTOR FOR 42-0007-007**.

This kit contains:

Replacement Motor PN: 42-0007-007-01 Motor
Replaces PN: 42-0007-007 Motor

Replacement Pulley PN: 13-0072-900 Pulley, .5" ID
Replaces PN: 13-0072-077 PULLEY, MODIFIED

Roller Position Application

To replace the motor used for Roller Positioning order the motor, mounting bracket, and a new pulley using Part Number **26-8800-907 REPL, ROLLER MOTOR FOR 42-0007-007**.

This kit contains:

Replacement Motor PN: 42-0007-007-01 Motor
Replaces PN: 42-0007-007 Motor

Replacement Coupling PN: 30-0056-901 Coupling, .5" ID to ".25" ID
Replaces PN: 30-0056-021 COUPLER, FLEX, 3/8" X 1/4 BORE

Replacement Mounting Bracket PN: 13-8800-907 Mounting Bracket
Replaces PN: 13-8800-404 MOUNT, MOTOR ROLLER, SIIC