

EA11: Solid State Starters

Catalogue Number	77-EA11-0000
Category	JobMaster
Duration	15 Hours

Introduction to Solid State Starters

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Skill 1: Apply Solid State Starter Principles

Electric Motor Starting

Solid State Starter Functions

Characteristics of Solid State Starters

Solid State Starter Operation

Skill Overview

Skill Drill

Application Description

Starter Principles

Authentic Skill Assessment

Skill 2: Connect & Operate a Solid State Starter

Skill Overview

Skill Drill

Circuit Description and Schematic

Connecting the Circuit

Operating the Circuit

Observing the Circuit

Disconnecting the Circuit

Authentic Skill Assessment

Skill 3: Adjust a Solid State Starter

- Adjustment Skills
- Skill Overview
- Skill Drill
- Circuit Description and Schematic
- Connecting the Circuit
- Adjusting the Starter
- Operating the Circuit
- Observing the Circuit
- Authentic Skill Assessment

Skill 4: Test Solid State Starters

- Testing Skills
- Starter Testing Principles
- Output Voltage
- Three-Phase Issues
- Circuit Description and Schematic
- Connecting the Circuit
- Adjusting the Starter
- Observing the Circuit
- Disconnecting the Circuit
- Authentic Skill Assessment

Skill 5: Troubleshoot Solid State Starter

Troubleshooting Skills

Fuses, Breakers, Overloads, and Protective Circuits

Troubleshooting Protective Circuits

Symptoms, Probable Causes, Tests

Skill Overview

Circuit Description and Schematic

Connecting the Circuit

Adjusting the Starter

Observing the Circuit

Troubleshooting the Circuit

Skill Drill

Authentic Skill Assessment