

## EA11: Solid State Starters

<b>Catalogue Number</b>	77-EA11-0000
<b>Category</b>	JobMaster
<b>Duration</b>	15 Hours

### **Introduction to Solid State Starters**

Introduction to Solid State Starters

### **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**