



# Umbrella - 10-Pocket Tool Changer - Mechanical Switches and Proximity Sensors - Replacement

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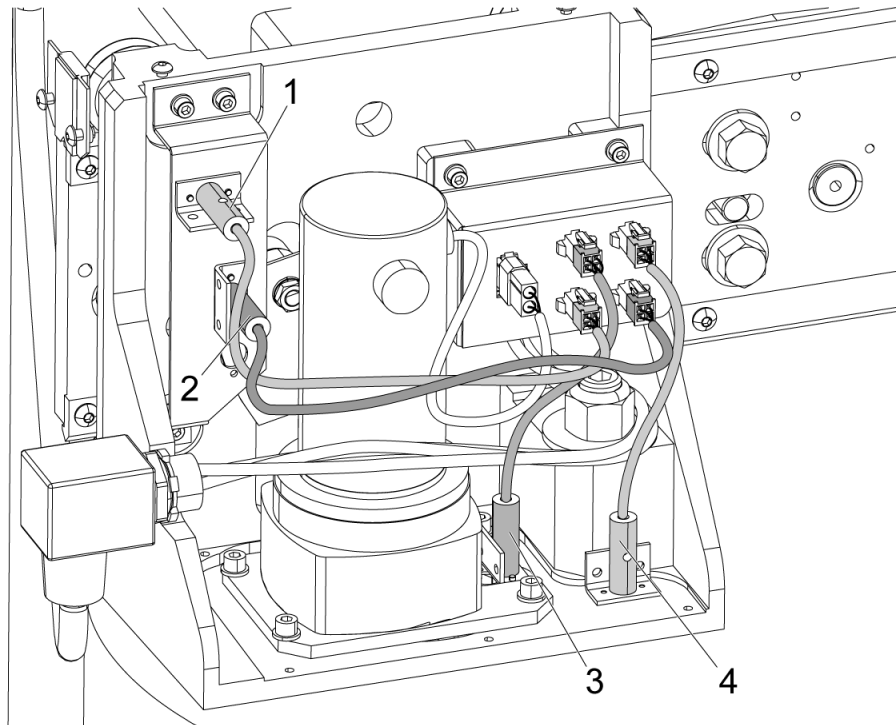


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## VMC - 10-Pocket Umbrella Tool Changer - Mechanical Switches and Proximity Sensors - Replacement

This procedure is applicable to a 10-pocket umbrella tool changer. This procedure tells you how to replace the shuttle and carousel motor proximity sensors or mechanical switches. This procedure shows proximity sensors. This procedure is the same for mechanical switches.



Push **[POWER OFF]**. Set the main circuit breaker to the **OFF** position. Lock the main circuit breaker. Use an approved lock with an approved safety tag.

Remove the umbrella carriage assembly cover. Replace the mechanical switches or the proximity sensors that are damaged. If you disconnect more than one mechanical switch or proximity sensor, make sure the locations of the connections have labels on the connector bracket.

1. **Shuttle In**
2. **Shuttle Out**
3. **T.C. Mark**
4. **Tool #1**

Connect the new sensor cables to the correct locations on the connector bracket. Do some tool changes to make sure the tool changer operates correctly. Install the carriage assembly cover.