

# St. Jude Medical™ SJ4 Connector

## Technical Guide

### SJ4 CONNECTOR OVERVIEW

#### New Terminal Pin Design

The SJ4 terminal pin is different than the standard IS-1/DF-1 defibrillation lead. Understanding the design in Figure 1 will help you to obtain proper implant measurements.

Figure 1

#### Dual Coil



#### Single Coil



#### New Plunger-Style PSA Cable

The new SJ4 lead requires new PSA cables to obtain implant measurements. The new PSA cables can also be used with the IS-1/DF-1 standard. Standard alligator clips should NOT be used with SJ4 terminal pins.



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## Using the New PSA Cables



When using the new plunger PSA cables during implant, it is important to connect the red to the first ring and black to back (referred to as Tip in Figure 1).

## New Universal Clip-on Tool



The new green universal clip-on tool is required for the SJ4 connector. Note that this tool is also backward compatible with the IS-1 defibrillation and pacing leads. The previously used grey-coloured clip-on tool is not compatible with SJ4 leads and should only be used with IS-1 leads.

## DF-1 to SJ4 Lead Length Conversion Chart

Due to the new configuration and the elimination of the bifurcated/trifurcated connector, please note new lengths for Durata™ leads with the SJ4 connector.

Durata Lead with DF-1 Connector	Durata Lead with SJ4 Connector
60 cm	52 cm
65 cm	58 cm
75 cm	65 cm

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