DI2 ROUTING | MEASUREMENT AND WIRE SELECTION

Internal Routing
Junction Box B = SM-JC41

External Routing
Junction Box B = SM-JC40

To Select Proper Wire (EW-SD50) Length:

1. Determine internal or external routing*
2. Measure from Junction Box A to Junction Box B*
3. Measure from Junction Box B to Rear Derailleur*
4. Measure from Junction Box B to Front Derailleur*
5. Measure from Junction Box B to Battery*

*Measurements will vary from frame to frame  ** EW-SD50 differs only in length. Connectors are universal
USE TL-EW02 TO CONNECT AND DISCONNECT WIRES AT “B” JUNCTION

Be sure to use TL-EW02 Tool to connect and disconnect wire EW-SD50 at “B” junction for both internal and external routed systems.

**NOTE:** TL-EW02 is a new tool and is different than the TL-EW01 used for original Dura-Ace Di2 systems.

**SM-JC41 Internal “B”**

**SM-JC40 External “B”**

Select From 13 Different Lengths

6. After measuring each of four segments, select most appropriate EW-SD50 wire sizes**

** EW-SD50 differs only in length. Connectors are universal.

Visit [S-TEC.SHIMANO.COM](http://S-TEC.SHIMANO.COM) for a full video on Ultegra Di2 installation procedures.
USE TL-EW02 TO CONNECT AND DISCONNECT WIRES AT “B” JUNCTION

Be sure to use TL-EW02 Tool to connect and disconnect wire EW-SD50 at “B” junction for both internal and external routed systems.

NOTE: TL-EW02 is a new tool and is different than the TL-EW01 used for original Dura-Ace Di2 systems.

ULTEGRA DI2 6770 SERIES | BATTERY MOUNTS: 3 DIFFERENT TYPES
SM-BMR1-S (Short), SM-BMR1-I (Internal Long), SM-BMR1-L (External Long)

Select the battery mount that best fits the specifications and routing of your frame.