

APPLICATION NOTE

Struggling with test leads that aren't long enough or fail to make a good connection? Enhanced DLRO test leads are the solution.

There is nothing more frustrating than being on a job and your test leads are not long enough to reach your item under test (IUT). Worse yet, if you are actually able to get the leads to the IUT, the contact is so poor that you can't get an accurate reading.

Fret no more, Megger's new sectionalized DLRO lead sets were designed with these very scenarios in mind. These new leads are not only longer, but also give you better contact so that your readings are accurate every time. Problem solved!

Take for instance a bus bar. This piece of equipment needs to be tested end-to-end. Conventional test leads, with fixed lengths, are not long enough to perform the test properly.

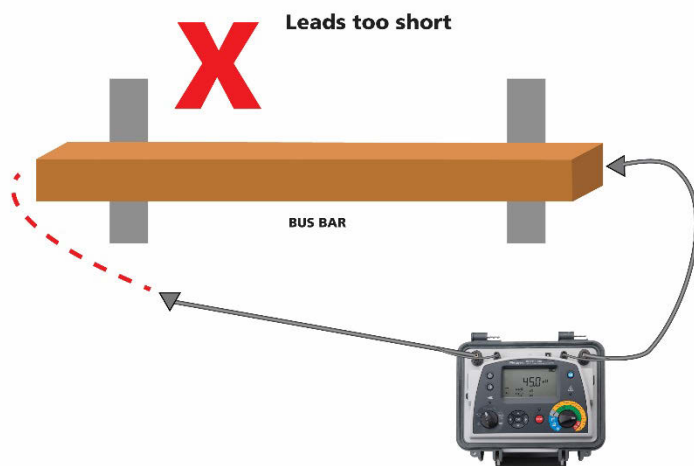


Fig 1: Long items like bus bars that need to be tested end-to-end are sometimes longer than conventional lead sets of fixed length.

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With Megger's adaptable test sets, users can easily test bus bars end-to-end. Simply fit one section to the tester and another to the test item. Then add as many extensions as necessary to reach the item under test. It is important to note that when adding extensions you do not exceed the published resistance limit.

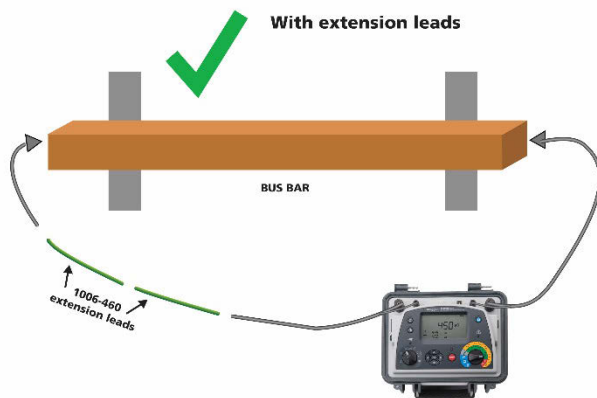


Fig 2: Adaptable test set with extension leads fitting to a bus bar.

Low resistance testing is performed on a wide variety of test items requiring many different connections. There are times when a single lead set will be perfect for an item under test, but there are times when they are not. When they are not, they yield poor or inaccurate results.

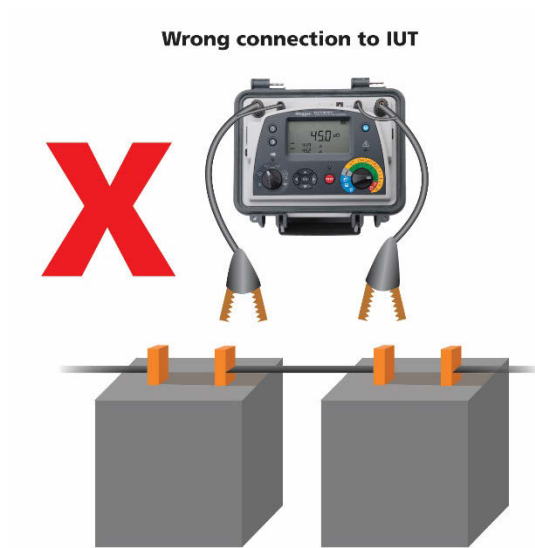


Fig 3: Trying to test with the wrong connection. Not all terminations connect properly to every potential IUT.

With Megger's adaptable test sets, carrying multiple complete test leads in your tool bag is no longer necessary. Now, all you need to carry is a selection of short and lightweight terminal sections that fit together quickly, easily and securely. Taking measurements has never been so hassle-free!

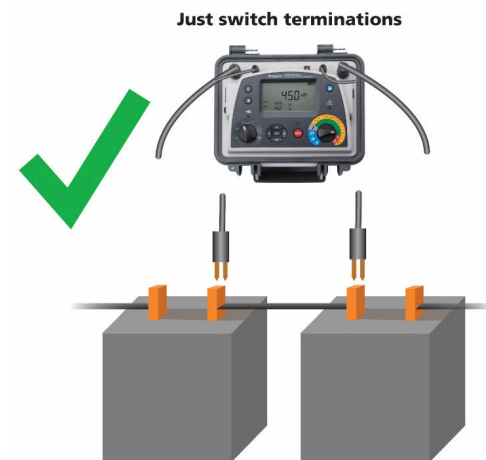


Fig 4: By switching terminations, Megger's adaptable sets allow you to properly connect to the equipment under test.