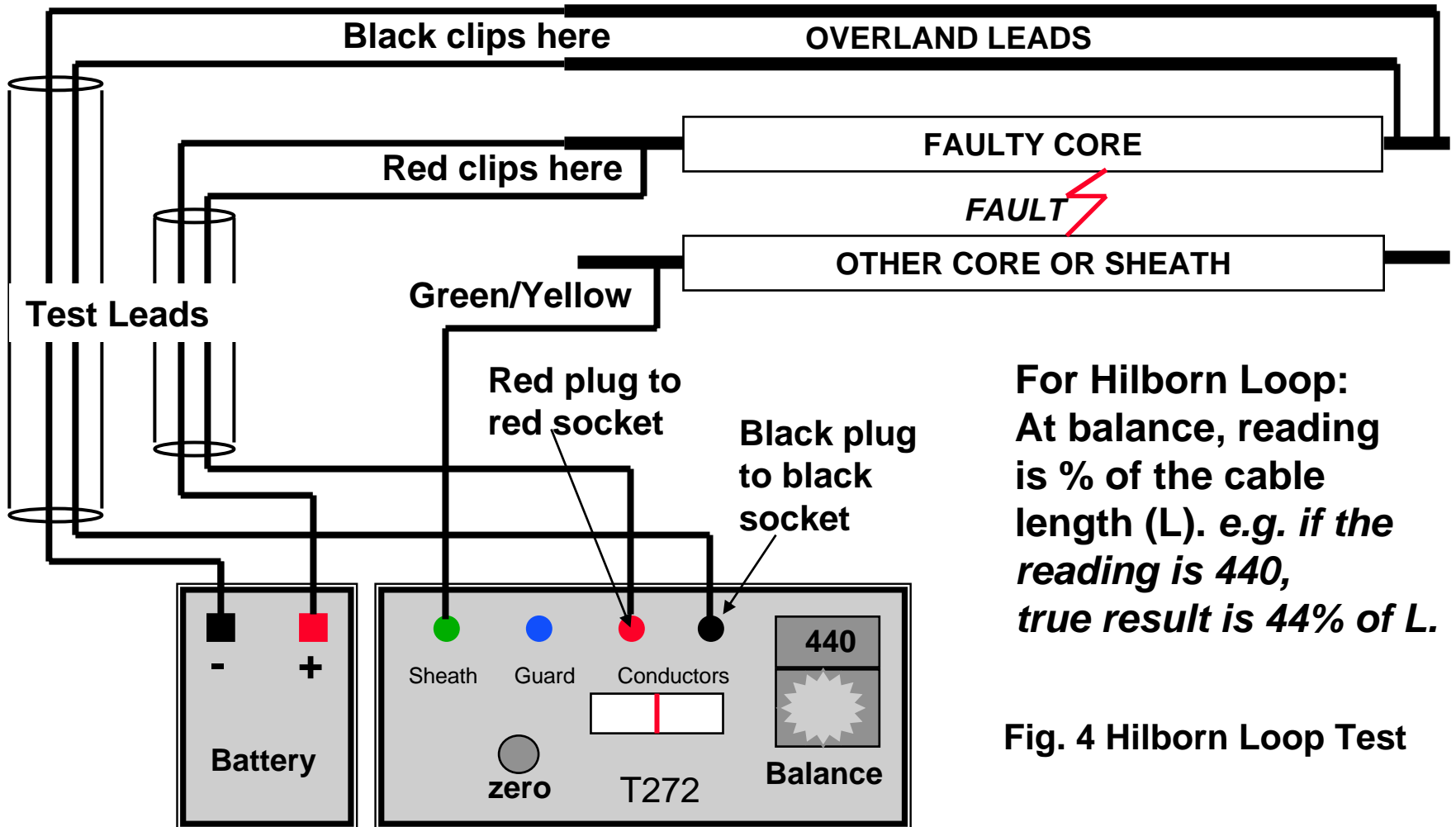


# Hilborn Loop Connections-

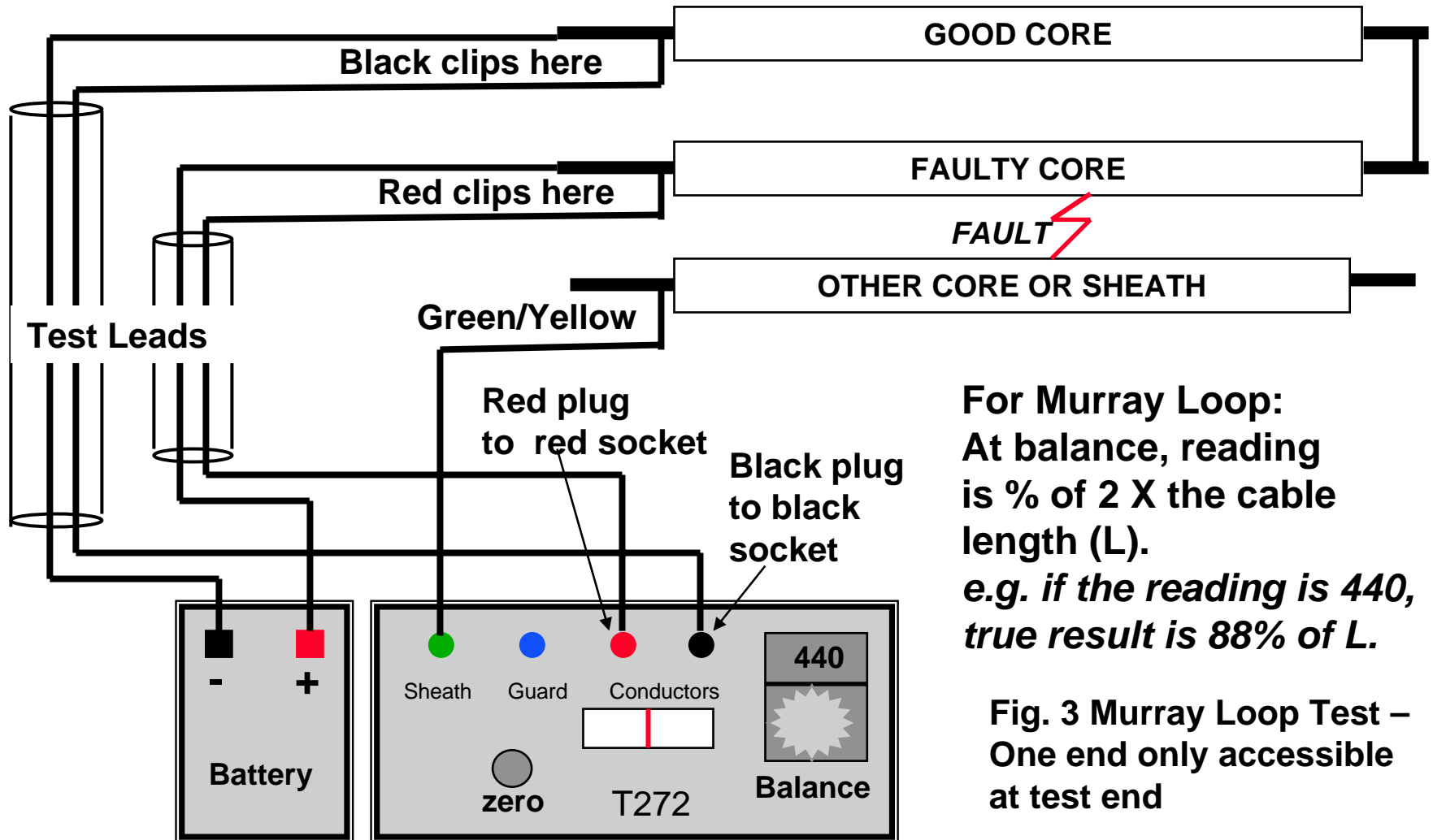
No good return core available.



For Hilborn Loop:  
At balance, reading  
is % of the cable  
length (L). e.g. if the  
reading is 440,  
true result is 44% of L.

Fig. 4 Hilborn Loop Test

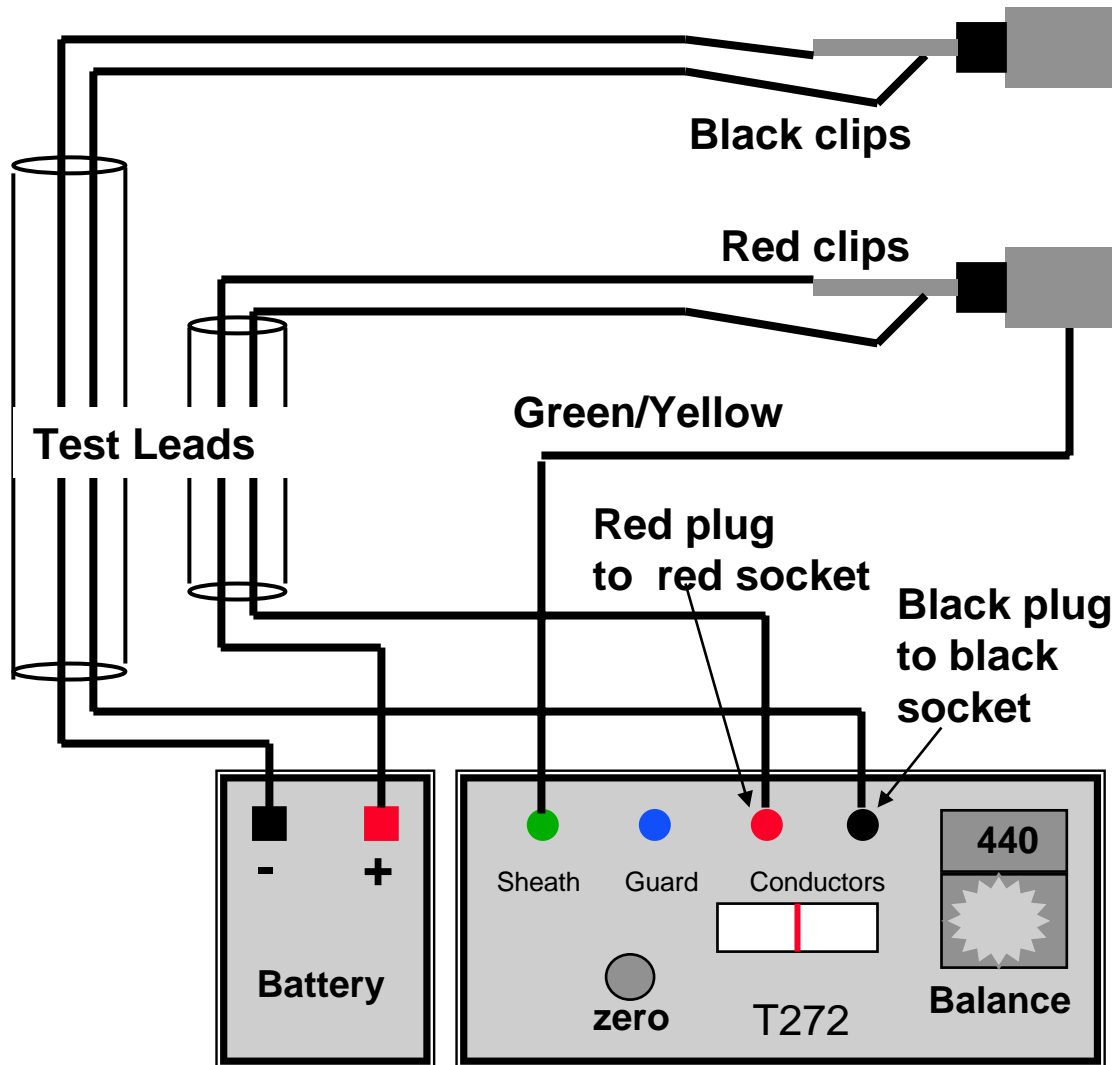
# Murray Loop Connections – Identical good return core available.



For Murray Loop:  
At balance, reading  
is % of 2 X the cable  
length (L).  
*e.g. if the reading is 440,  
true result is 88% of L.*

Fig. 3 Murray Loop Test –  
One end only accessible  
at test end

# Connections both ends available – e.g. cable drum or ring circuit



At balance, reading is % of the cable length (L). e.g. if the reading is 440, true result is 44% of L.

Fig. 1 Fault to sheath, both cable ends accessible at test end.