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AC-68 Trailer Single Pole Circuit Voltage Drop Testing Guide

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LIMITED WARRANTY

12 MONTHS FROM DATE OF PURCHASE

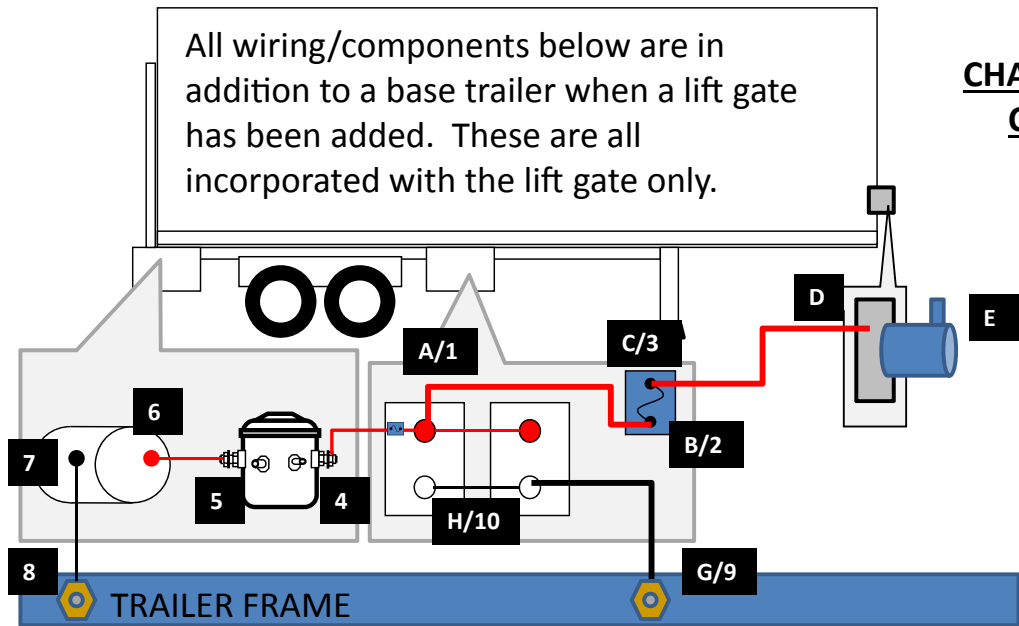
The manufacturer warrants to the consumer that this product will be free from defects in material or workmanship for a period of twelve (12) months from the date of original purchase.

Products that fail within this 12 month warranty period will be repaired or replaced at the manufacturer's option to the consumer, when determined by the manufacturer that the product failed due to defects in material or workmanship. This warranty is limited to the repair or replacement of parts and the necessary labor by the manufacturer to effect the repair or replacement of the product. In no event shall the manufacturer be responsible for special, incidental or consequential damages or costs incurred due to the failure of this product.

Improper use, accident, water damage, abuse, unauthorized repairs or alterations voids this warranty. The manufacturer disclaims any liability or consequential damages due to breach of any written or implied warranty on its test equipment.

WARRANTY AND SERVICE INFORMATION

Warranty claims to the manufacturer's service department must be transportation prepaid and accompanied with dated proof of purchase. This warranty applies only to the original purchaser and is non-transferable. Shipper damage incurred during return shipments is not covered under this warranty. It is the responsibility of the shipper (the customer returning the Test Equipment) to package the tester properly to prevent any damage during return shipment. Repair costs for such damages will be charged back to shipper (customer returning the Test Equipment). Protect the product by shipping in original carton or add plenty of over-pack cushioning such as crumpled up newspaper.



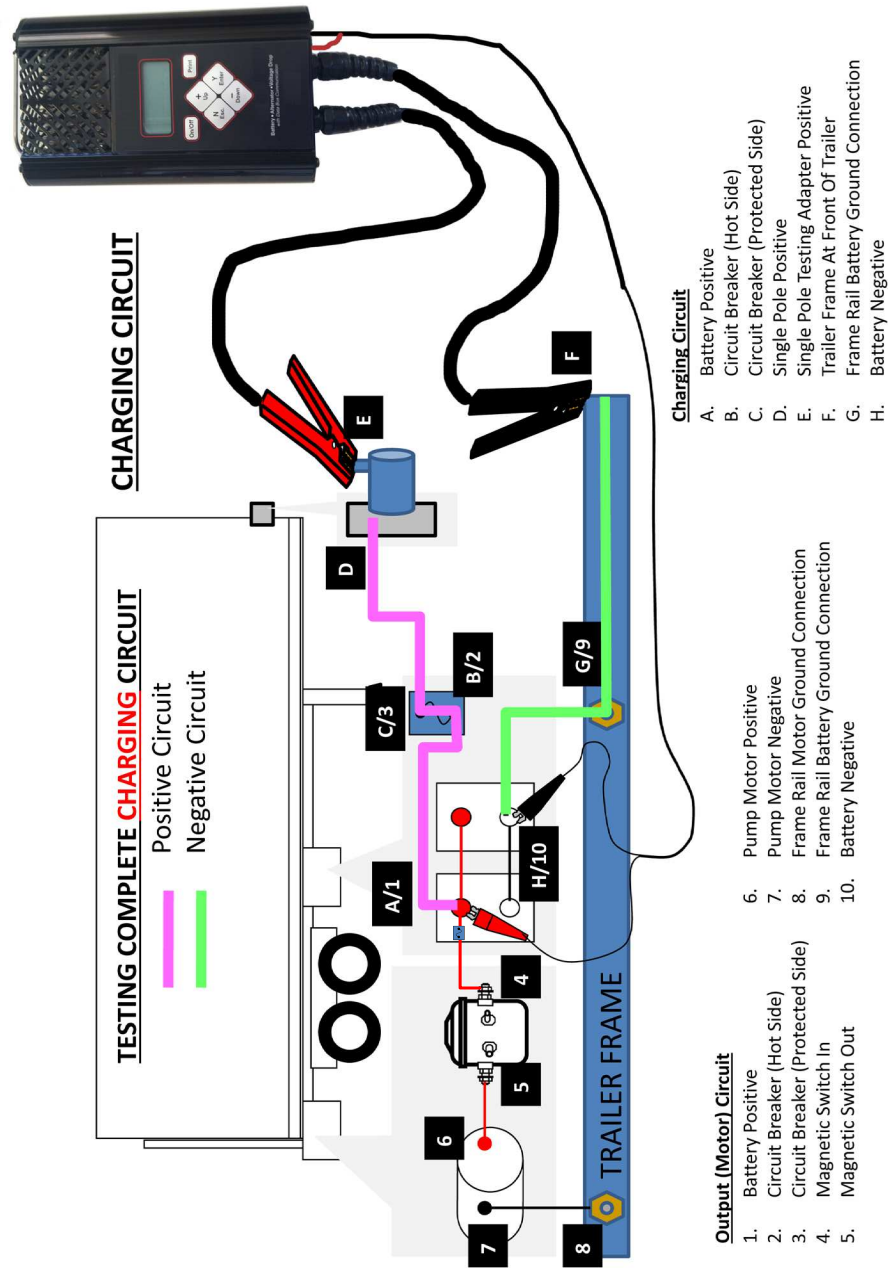
**CHARGING AND MOTOR
CIRCUIT DIAGRAM**

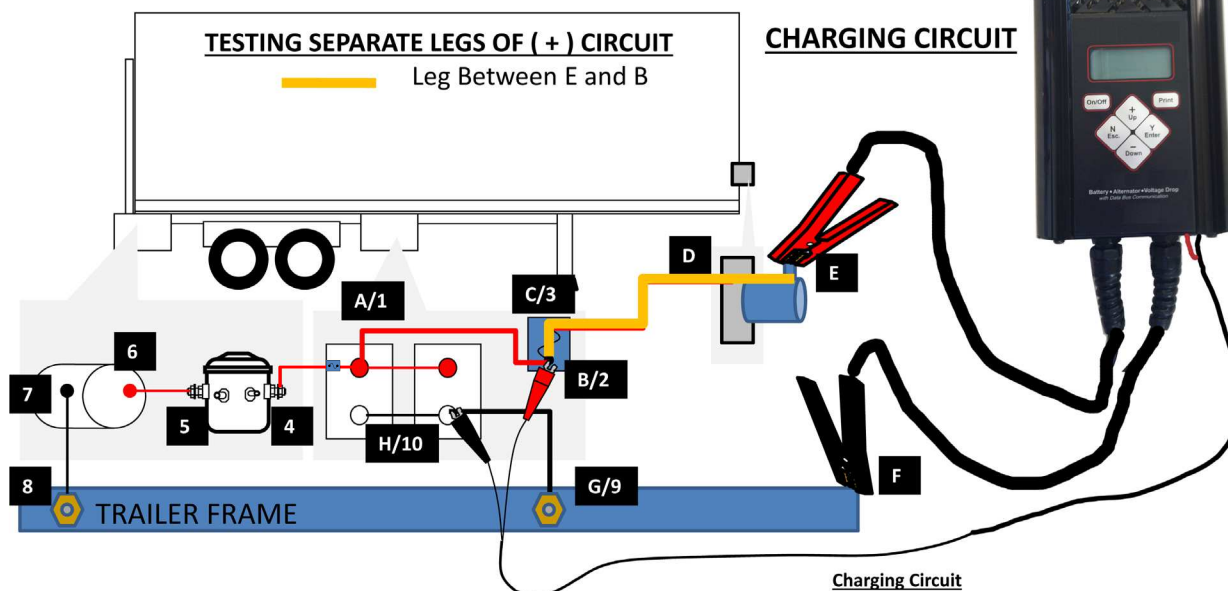
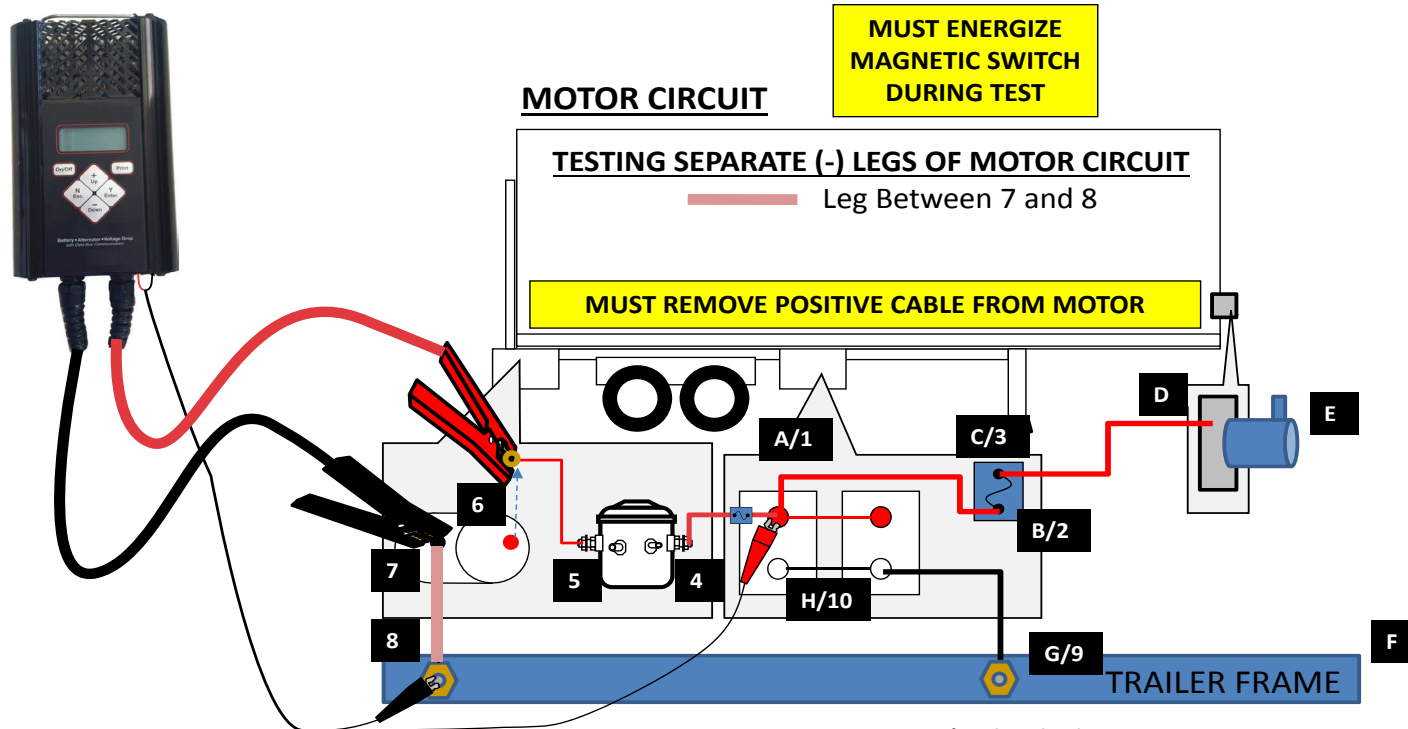
Output (Motor) Circuit

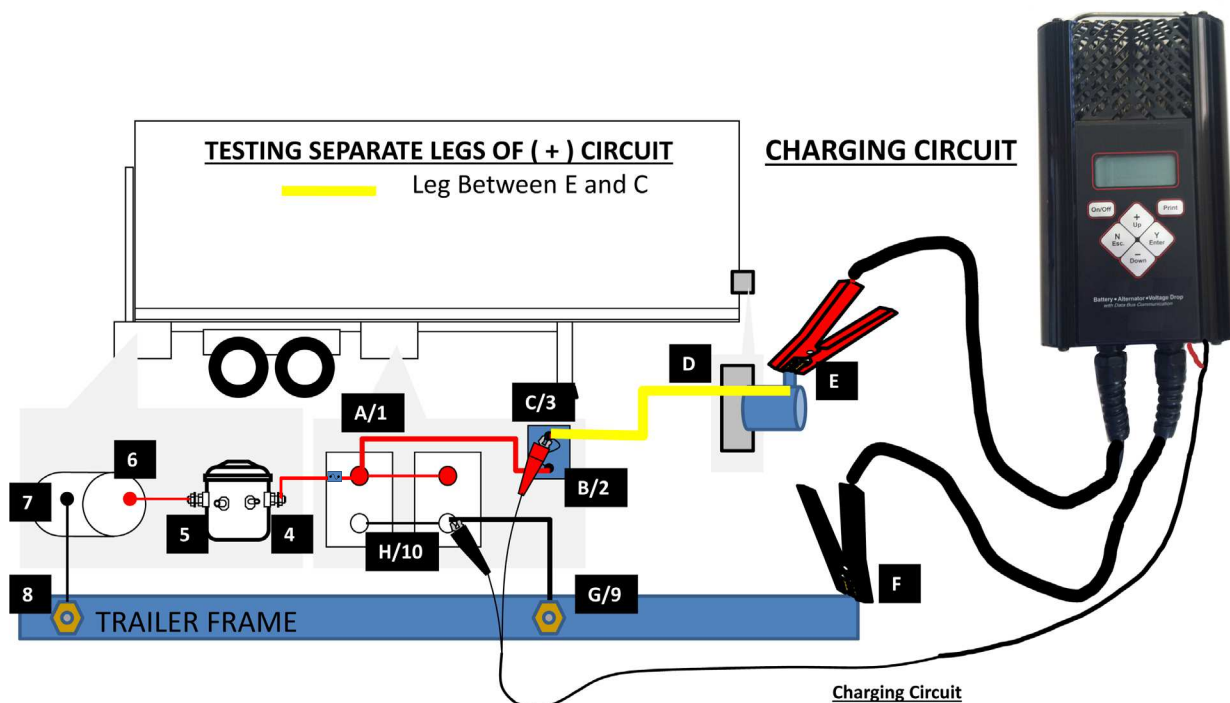
- | | |
|-------------------------------------|---|
| 1. Battery Positive | 6. Pump Motor Positive |
| 2. Circuit Breaker (Hot Side) | 7. Pump Motor Negative |
| 3. Circuit Breaker (Protected Side) | 8. Frame Rail Motor Ground Connection |
| 4. Magnetic Switch In | 9. Frame Rail Battery Ground Connection |
| 5. Magnetic Switch Out | 10. Battery Negative |

Charging Circuit

- | |
|---|
| A. Battery Positive |
| B. Circuit Breaker (Hot Side) |
| C. Circuit Breaker (Protected Side) |
| D. Single Pole Positive |
| E. Single Pole Testing Adapter Positive |
| F. Trailer Frame At Front Of Trailer |
| G. Frame Rail Battery Ground Connection |
| H. Battery Negative |



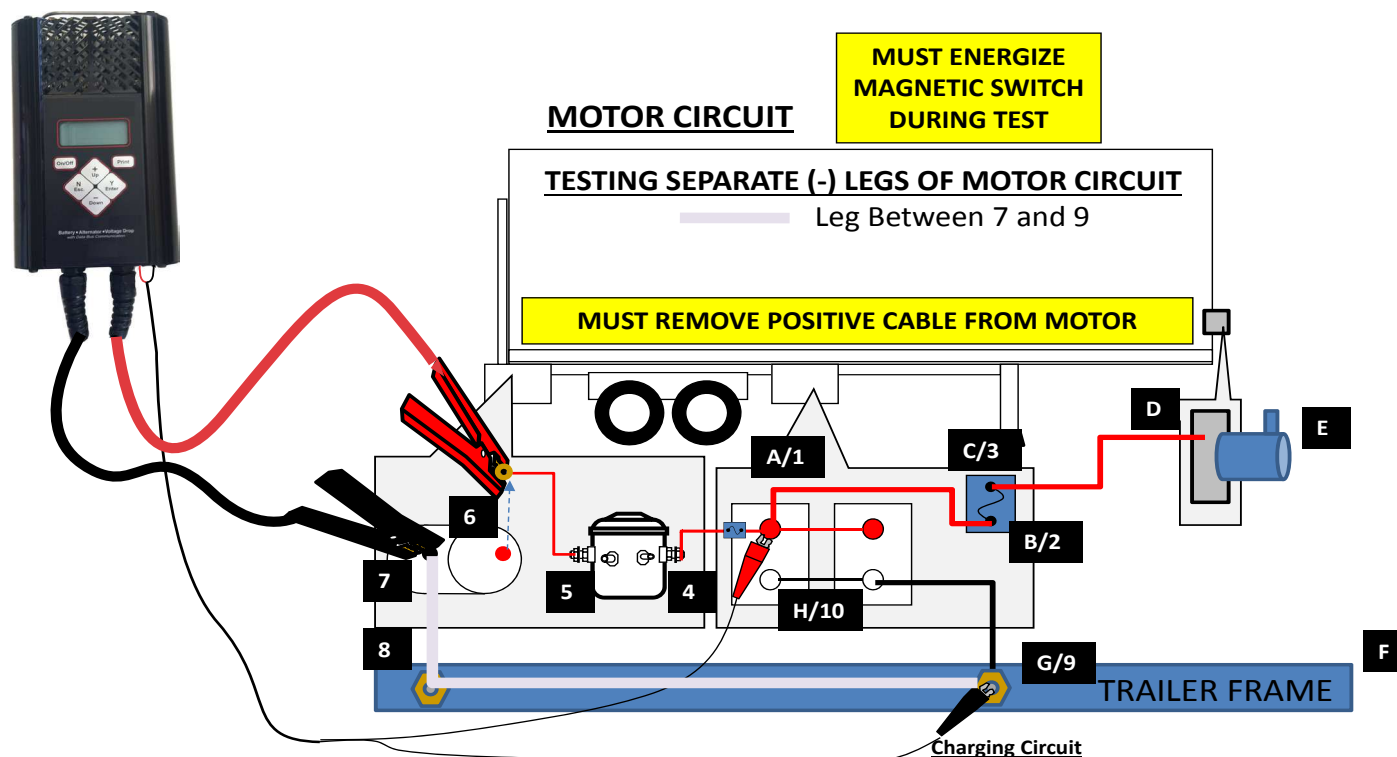


**Output (Motor) Circuit**

- | | |
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| 1. Battery Positive | 6. Pump Motor Positive |
| 2. Circuit Breaker (Hot Side) | 7. Pump Motor Negative |
| 3. Circuit Breaker (Protected Side) | 8. Frame Rail Motor Ground Connection |
| 4. Magnetic Switch In | 9. Frame Rail Battery Ground Connection |
| 5. Magnetic Switch Out | 10. Battery Negative |

Charging Circuit

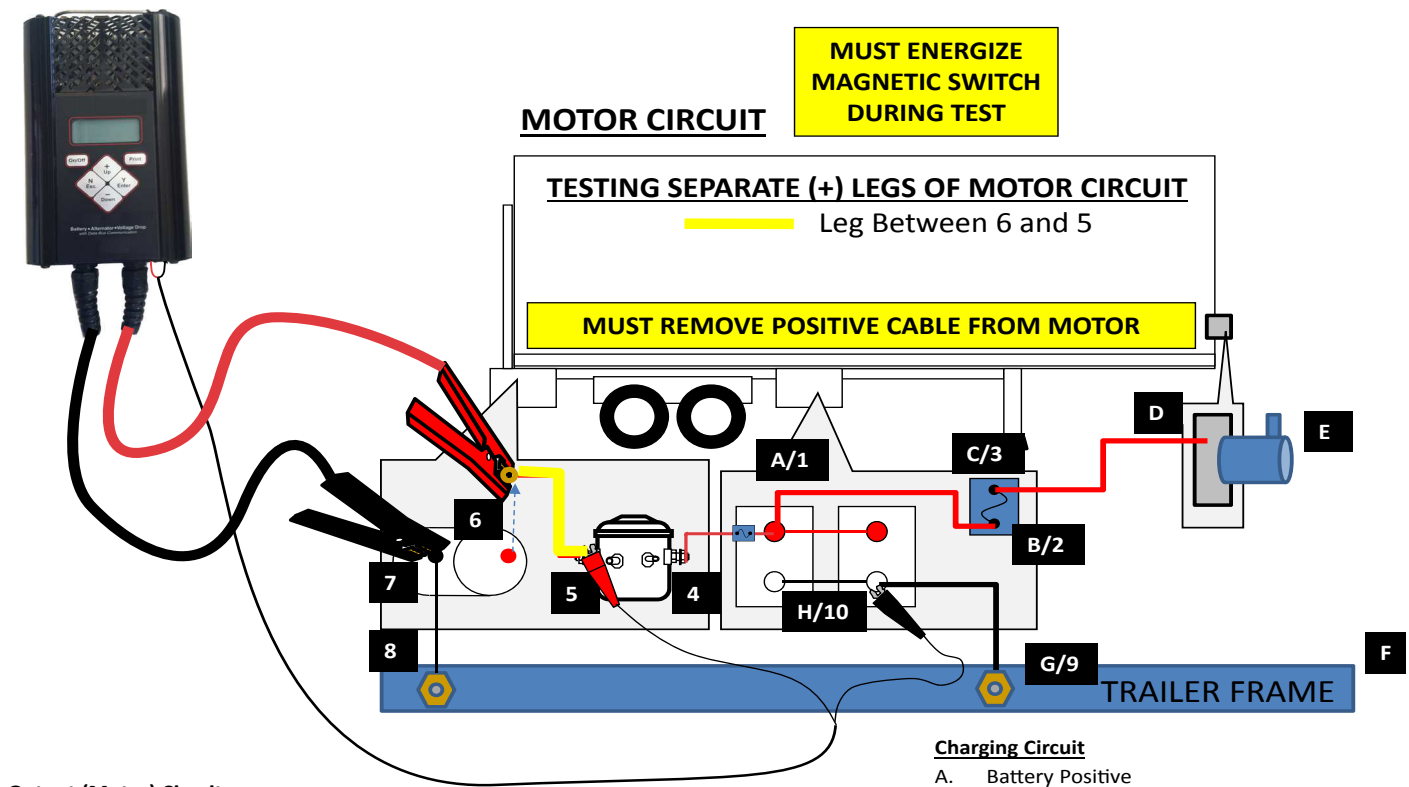
- | |
|---|
| A. Battery Positive |
| B. Circuit Breaker (Hot Side) |
| C. Circuit Breaker (Protected Side) |
| D. Single Pole Positive |
| E. Single Pole Testing Adapter Positive |
| F. Trailer Frame At Front Of Trailer |
| G. Frame Rail Battery Ground Connection |
| H. Battery Negative |

**Output (Motor) Circuit**

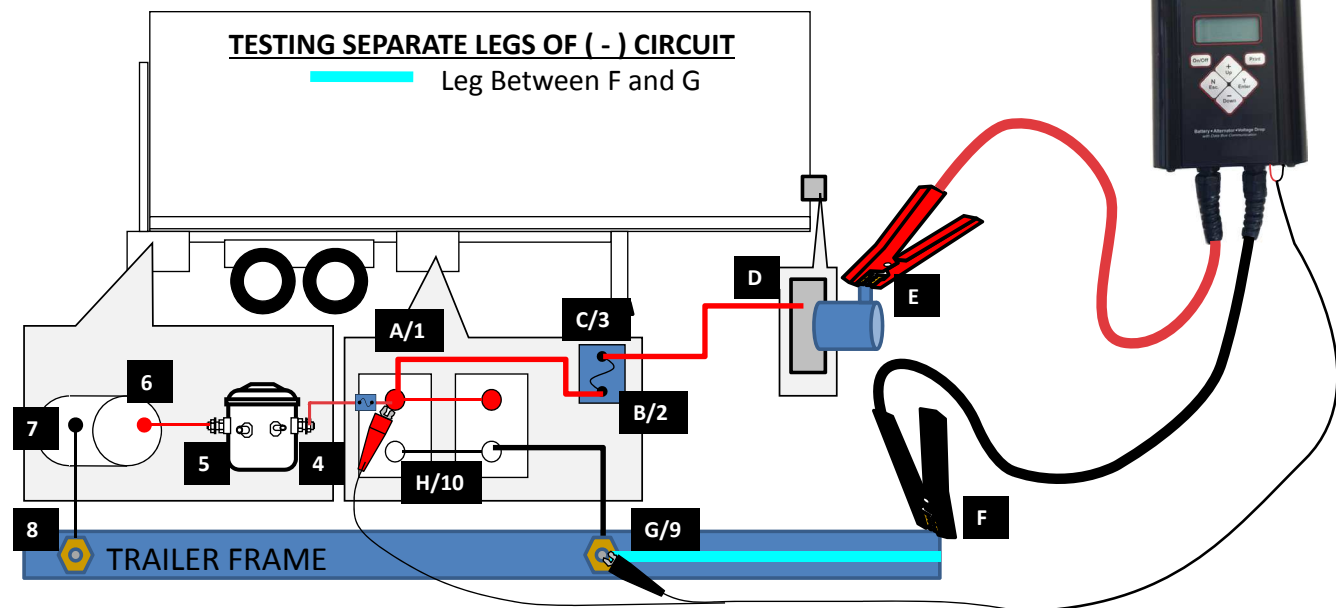
- | | |
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| 2. Circuit Breaker (Hot Side) | 7. Pump Motor Negative |
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| 4. Magnetic Switch In | 9. Frame Rail Battery Ground Connection |
| 5. Magnetic Switch Out | 10. Battery Negative |

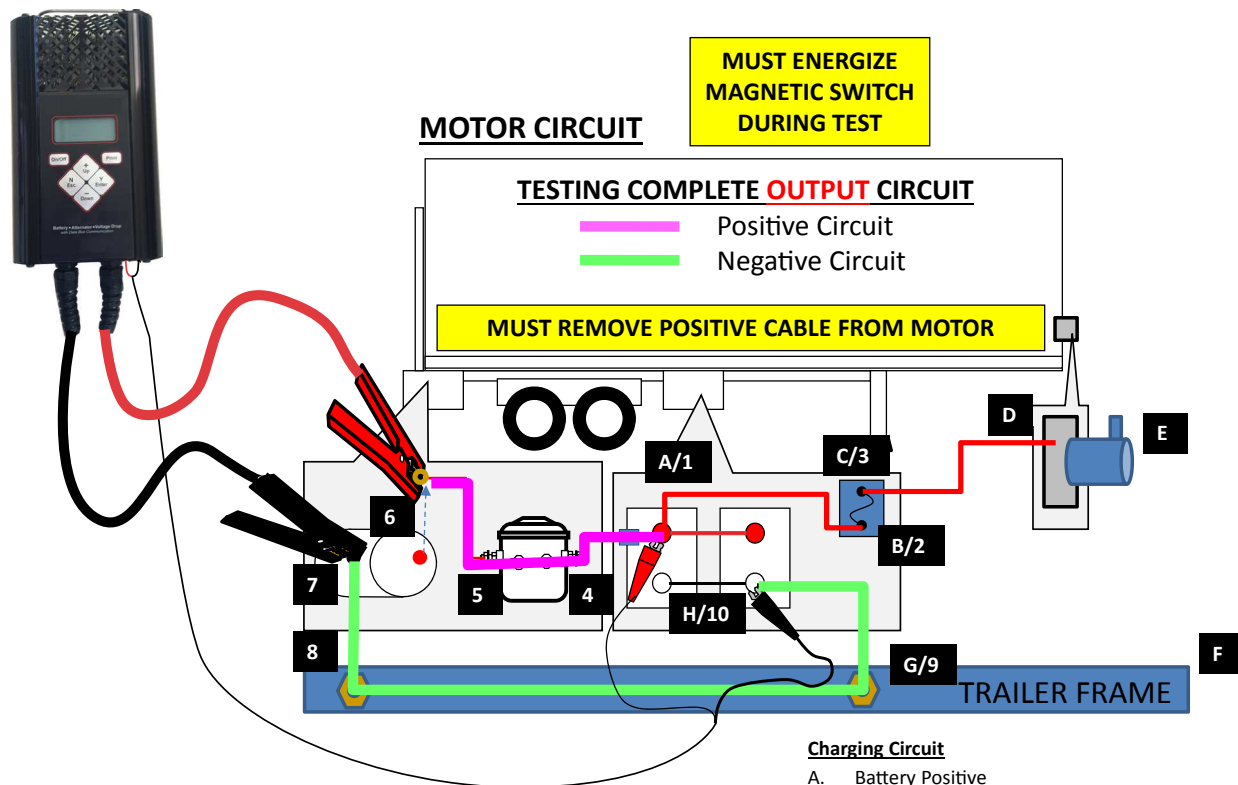
Charging Circuit

- | |
|---|
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| C. Circuit Breaker (Protected Side) |
| D. Single Pole Positive |
| E. Single Pole Testing Adapter Positive |
| F. Trailer Frame At Front Of Trailer |
| G. Frame Rail Battery Ground Connection |
| H. Battery Negative |



CHARGING CIRCUIT



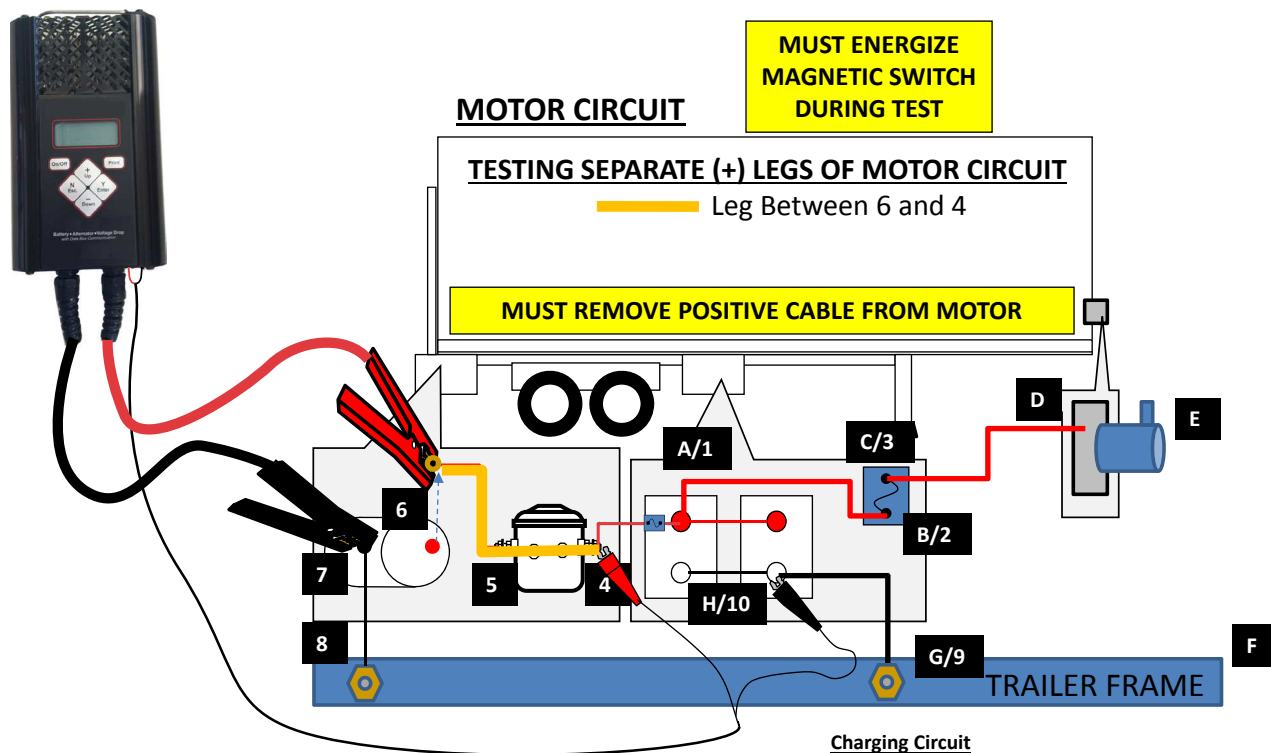


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