

# PROTECT YOUR FLEET

**BATTERY CONTROL SAFETY SYSTEMS**

## DUAL BATTERY DISCONNECT SWITCH



**FLAMING  
RIVER**  
HEAVY-DUTY ELECTRICAL



# FR1050

[www.flamingriverhd.com](http://www.flamingriverhd.com)

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# FR1050 Dual Battery Disconnect Switch

## Features & Benefits

- Ideal for dual battery applications where batteries can be operated independently or simultaneously
- Four distinct operating modes: Battery #1 ON only, Battery #2 ON only, All ON, and All OFF
- 300 Amp continuous current rating
- 1000 Amp surge rating for 5 second intervals
- Silver-plated contacts
- Dimensions: 2.64" by 2.64" (WxL), 3.0" (H)

## Specifications

Voltage	12V/24V
Max Continuous Current	250 Amps
Max Surge Current	2500 Amps
Environmental Protection	IP54
Operating Temperature	-40°F to + 122°F (-40°C to +50°C)
Contact Terminals	Silver-Plated Copper
Contact Hardware	Brass
Terminal Diameter	M10
Terminal Length	0.50 in
Max Tightening Torque	11-13 ft.lbs
Warranty	1 Year

## Kit Contents

Item No.	Description	Qty
1.....	Dual Battery Disconnect Switch .....	1
2.....	M10 Nuts .....	2
3.....	Lock Washers .....	2
4.....	Flat Washers .....	2



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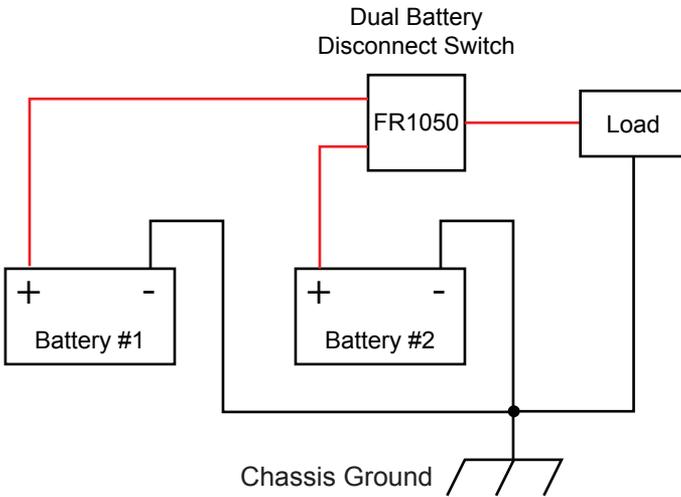
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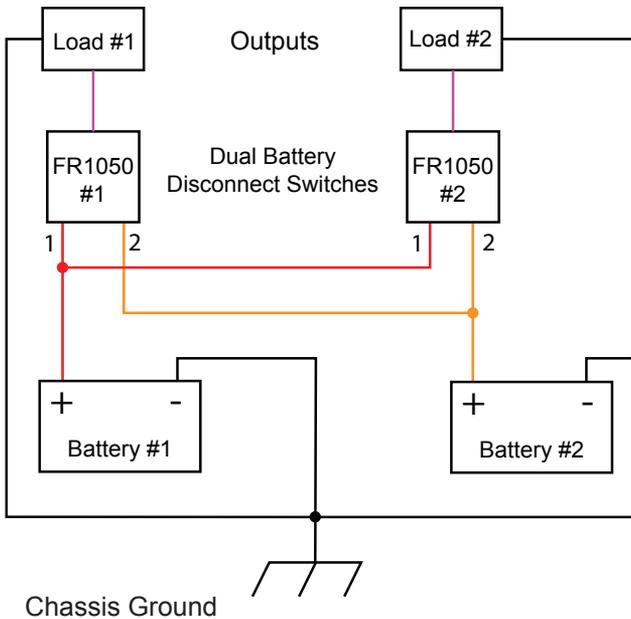
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# Wiring Diagrams

## Standard Circuit



## Two Independent Loads (Requires Two FR1050s)



**WARRANTY DISCLAIMER:** Flaming River's® Limited Warranty  
Flaming River® warrants its products to be free from defects in material and workmanship for a period of one (1) year after the date of purchase, except that: The Big Switch (part number FR1046/FR1047) is warranted for a period of three (3) years from the date of purchase, provided that it is not mounted with a steel bracket and provided further that it is adequately protected from environmental conditions. All electrical products other than the Big Switch are warranted for a period of ninety (90) days from the date of purchase. Flaming River's® warranty liability is limited to the replacement of defective products. Flaming River® is not liable for any labor costs associated with any warranty claim, or for any incidental or consequential damages.

Improper installation, abuse, racing, and/or modification of the products voids this warranty. No warranty of merchantability or fitness for a particular purpose is made by Flaming River® with respect to any of its products.  
**Warnings and Recommendations**

It is the customer's responsibility to determine the suitability of a given Flaming River® product for the customer's uses. Likewise, it is the customer's responsibility to install a Flaming River® product. Contact the vehicle manufacturer whenever installing a switch to confirm the appropriateness of using such a switch and the recommended placement of the switch on the vehicle.

Use qualified chassis specialists for the installation of all steering related components. Be aware that the installation of certain Flaming River® products may adversely impact a manufacturer's warranty with respect to certain vehicles and other manufactured goods. Flaming River will repair or replace any product found to be defective in material or workmanship. Improper installation, abuse, racing and/or modification VOID WARRANTY. Flaming River® is not responsible for any labor costs associated with any warranty.



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