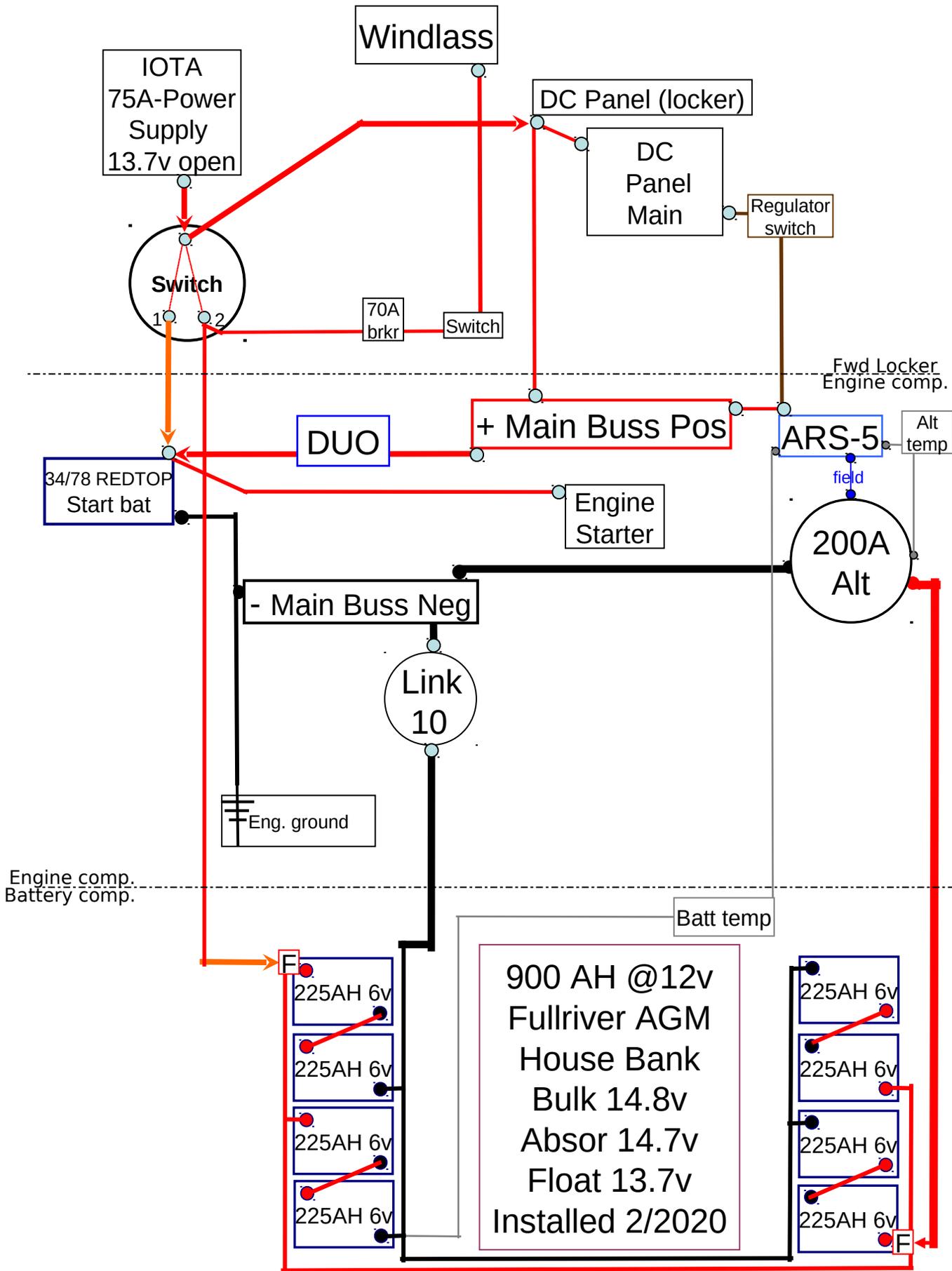


# 12v Charging circuit



Dockside - typical battery switch to **OFF**

House bank is isolated

75A charger/power supply 13.7v open voltage

At dock, charger will supply 12v (house bank isolated)

–switch **OFF**

If needed to recharge(float) house bank @ dock

– switch to **2 AGM**

If needed to recharge start batt @ dock

– switch to **1**

Emergency start

– switch to **both**

Cruising - typical battery switch to **2 AGM**

House bank active

– switch to **2 AGM**

Alternator provides house bank charging to 200A

- ARS-5 regulates (switched on Main DC Panel)

- Link 10 monitors house state of charge

Digital Duo provides start battery recharge to 30A