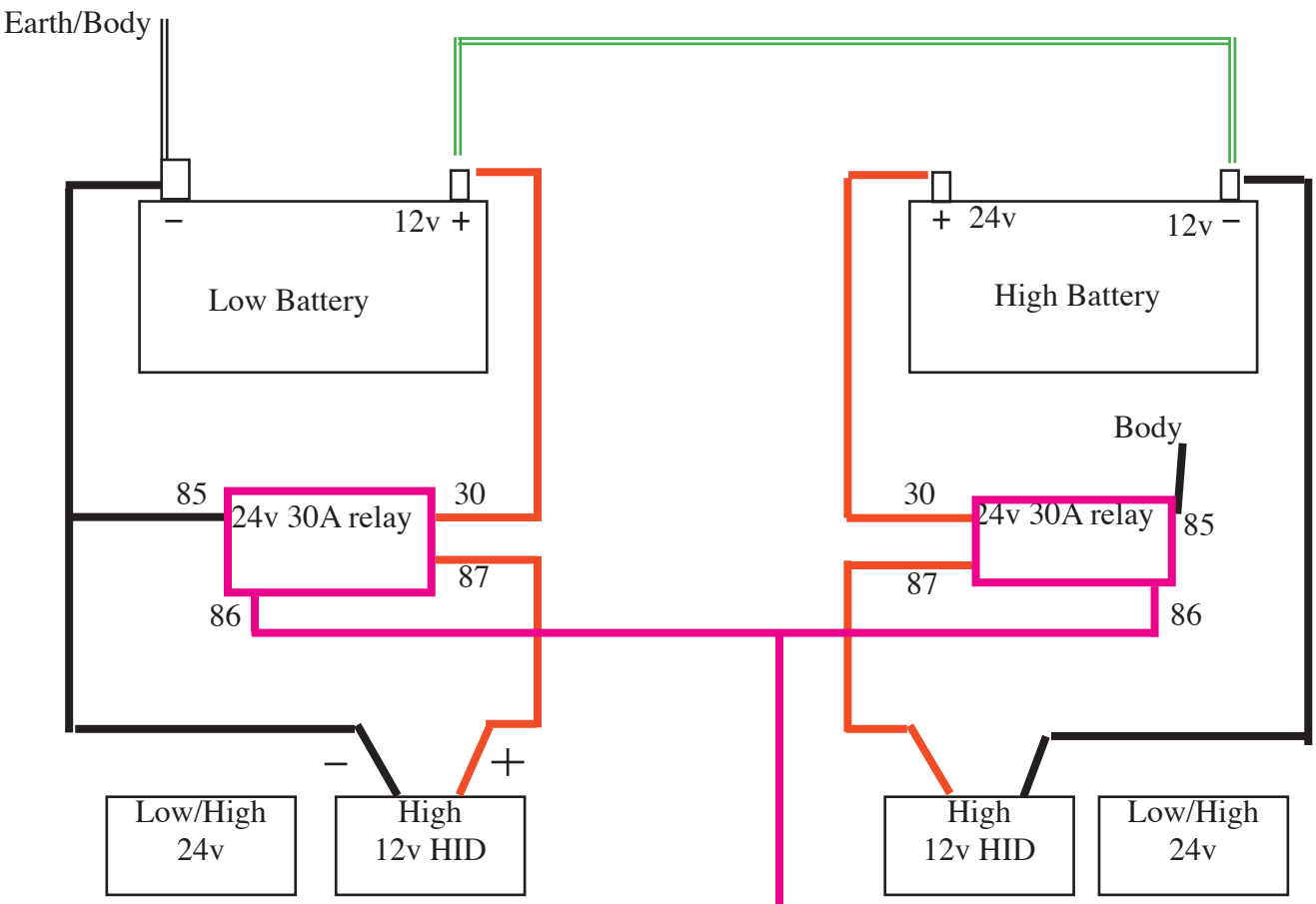

Purchase and instal 12v HID kit into High Beam Headlamp - Centre Pair

Source 24v feed to power relays that only comes on when High Beam is ON.

Instal low power switch to control HID

Switch 24v relay using High Beam power as a source to Relay pin 86. Pin 30 goes to earth

Consider each battery as a separate 12v power source, and connect + pole to Pin 30. Connect Pin 87 to a fuse then onto the + HID

The HID adjacent to the low battery can share the earth with the relay and the car body as all you will get is 12v.

The HID adjacent to the High Battery MUST NOT share the earth with the relay and MUST return the -ve wire to the -ve pole of the High Battery. This will supply 12v to the HID. If the earth/return line connects to the vehicle body, the invertor will receive 24v and be destroyed.

To see where you are going, turn on high beam.
To light up the universe, flick on the HID's

Rocker switch on centre console. Low power wiring.

24v +ve Headlight High Beam feed

Installing 12v HID into 24v Landcruiser

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2009