

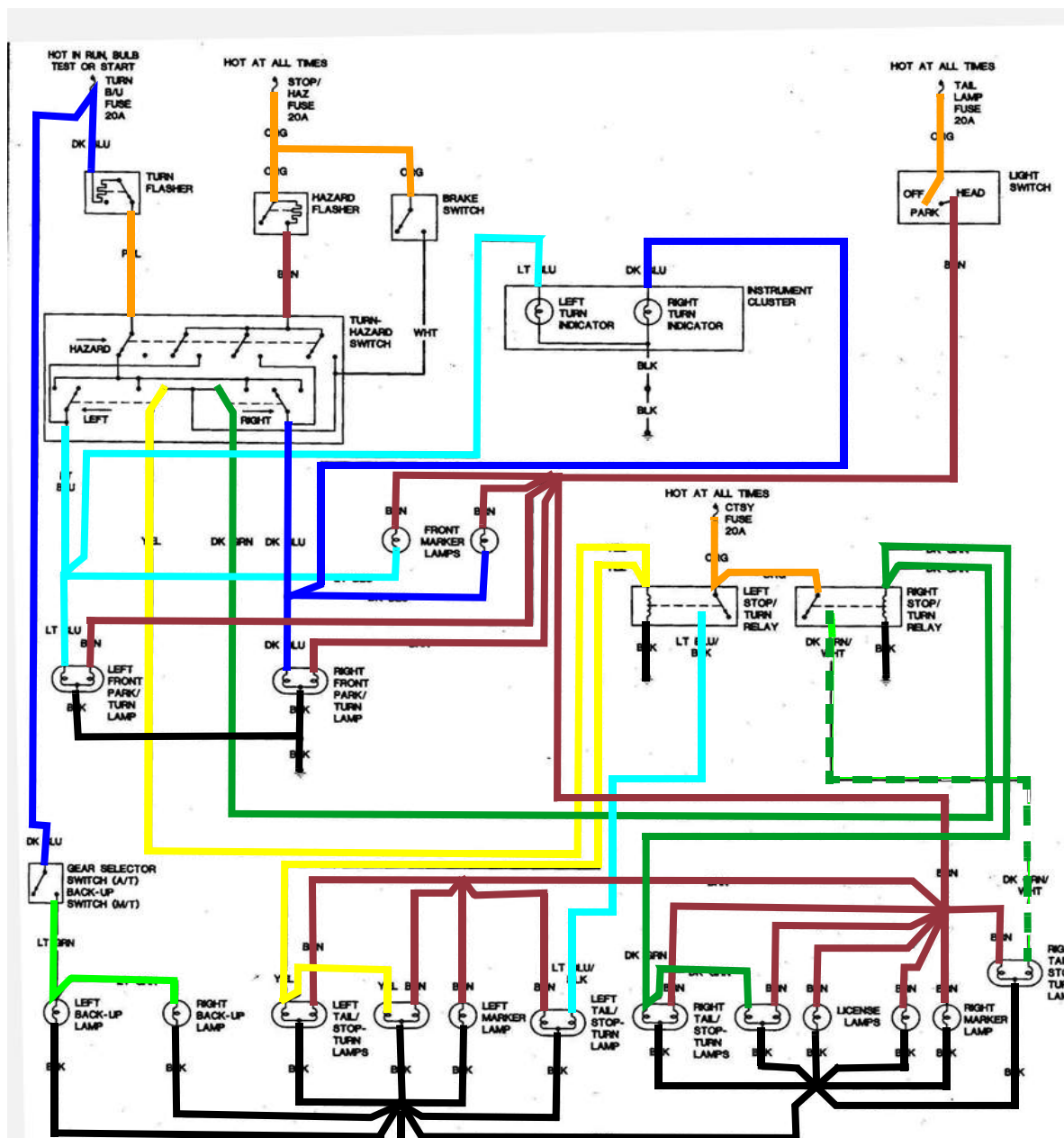
Optional Wiring

This section deals with some of the optional wiring that may be needed depending on how you choose to construct your car.

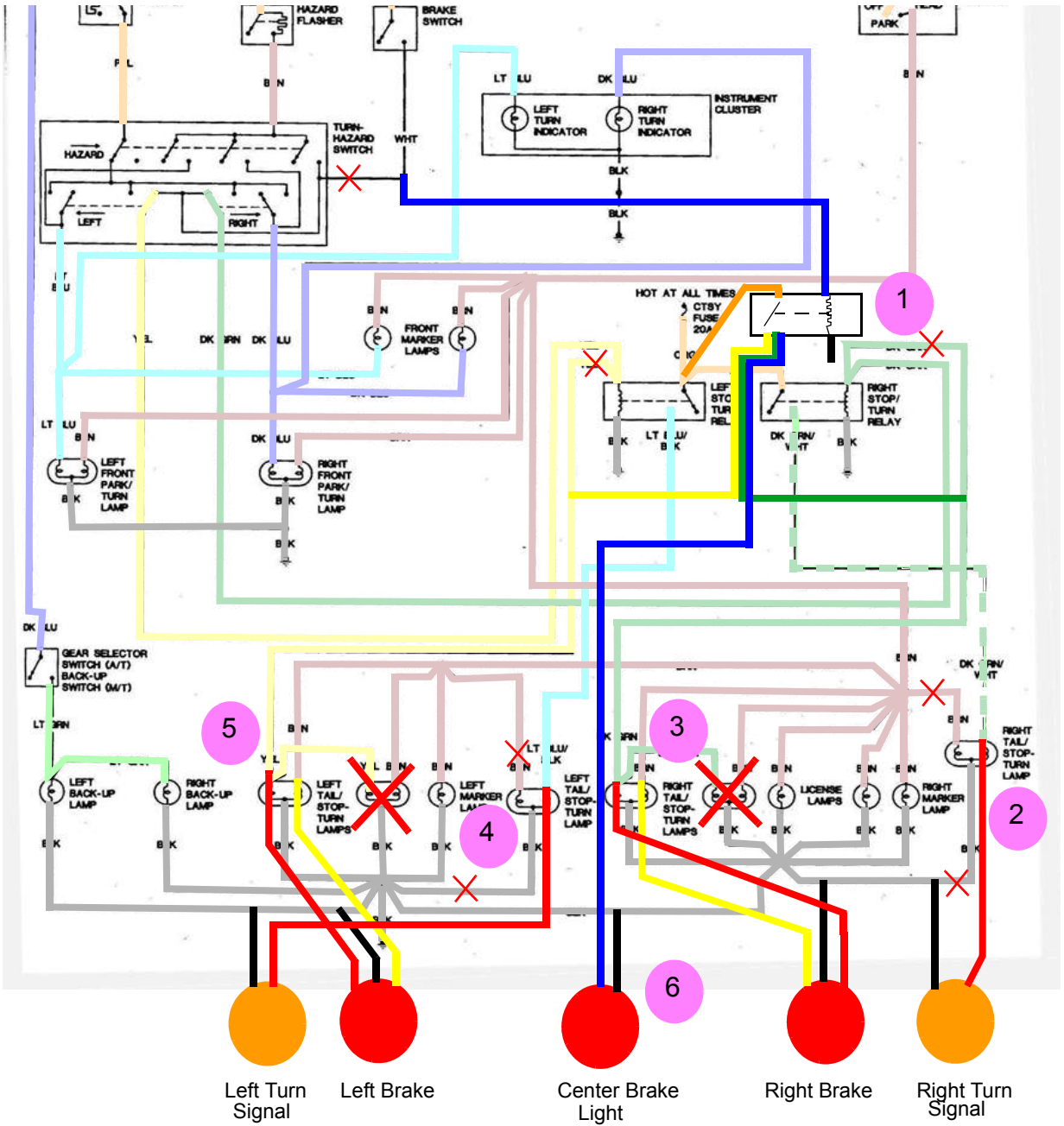
OEM Tail light connections to Fiero harness

The following diagram shows the stock Fiero Harness. It utilizes more lights than the Lamborghini. The second diagram show the modifications that will be necessary to eliminate the extra lights and make the necessary connections to the OEM Lamborghini tail lights as well as how the third brake light can be connected.

Optional Wiring



OEM Tail light connections to Fiero harness



Lets take each item separately.

1. Add a new relay

It is necessary to add a third relay to control the brake lights. Tap into the orange wires that come from the existing two relays to the power side of the new relay. Cut the white wire from the brake switch and run it to the new relay. Cut the Yellow and Green wire that go to existing brake light/turn signals. Connect them along with a third wire for the center brake light to the relay that is powered by the activation of the brake.

2. Connect Right Turn Signal

Connect the Green wire with White stripe to the Red wire on the Right Turn Signal of the Amber Lamborghini light. Connect the black wire from the Lamborghini light to black ground wires on the Fiero harness.

3. Connect Right Brake light

Connect the Dark Green wire to the Red wire on the Red Lens of the Lamborghini Lens. Connect the Black wire from the Lamborghini light to the black ground wires on the Fiero Harness. Connect the Brown wire to the Yellow wire on the Lamborghini Light.

Remove the other Fiero socket as it has no purpose.

4. Connect Left Brake Light

Connect the Yellow wire to the Red wire on the Red Lens of the Lamborghini Lens. Connect the Black wire from the Lamborghini light to the black ground wires on the Fiero Harness. Connect the Brown wire to the Yellow wire on the Lamborghini Light.

Remove the other Fiero socket as it has no purpose.

5. Connect Left Turn Signal

Connect the Light Blue wire to the Red wire on the Left Turn Signal of the Amber Lamborghini light. Connect the black wire from the Lamborghini light to black ground wires on the Fiero harness.

6. Connect the Third Brake Light

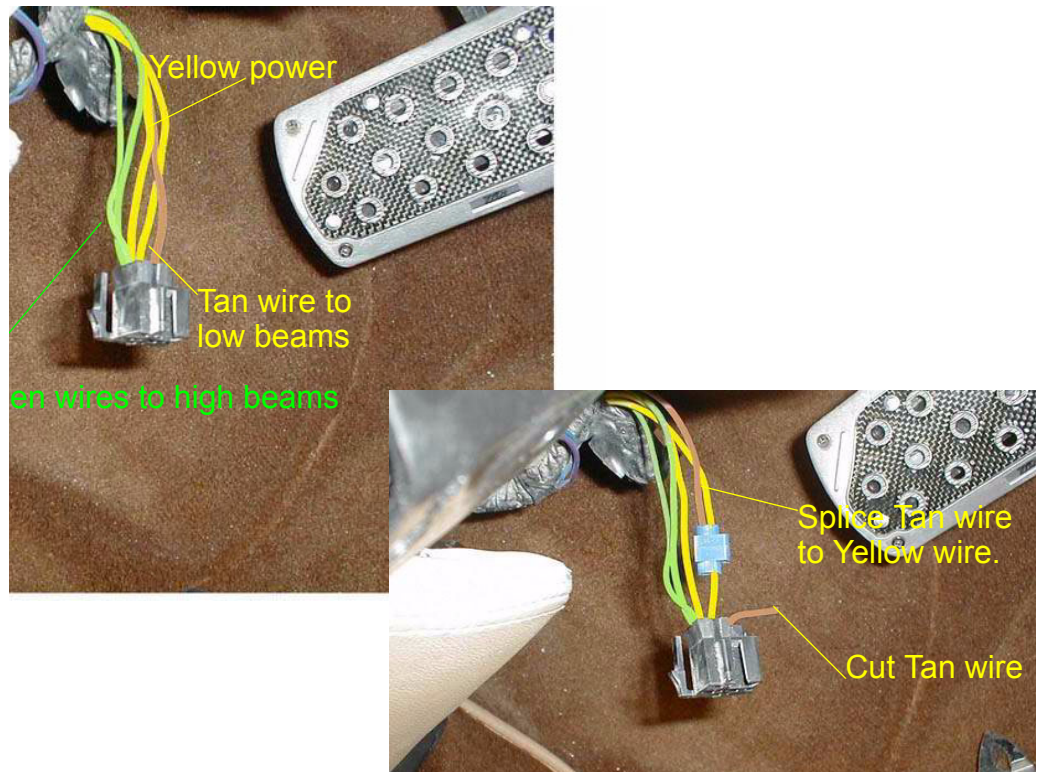
Connect the third wire that was added to the new brake relay to one of the wires on the third brake light. Connect the second wire from the third brake light to the black ground wire on the Fiero Harness.

OEM Headlights to Fiero harness

The following diagram shows how to connect the Fiero wiring harness to the 300ZX headlights. The original Fiero lights had a single headlight unit with a high and low beam. The 300ZX headlights have two separate lights. If you simply connect the high beam to the small light and the low beam to the square light, when you turn the high beams on, the low beams go out. On the 300ZX, the high beam is intended to be "additive" to the low beam, not a stand alone light.

To correct this problem, it is necessary to modify the Fiero harness so that the low beams are constantly on when the headlights are turned on. When you turn on the high beams, it illuminates the round light for additional brightness to the already low beams.

The following diagrams show the modifications that will be necessary to accomplish this.



Step 1.

Cut the Tan wire that goes to the low beams.

Step 2.

Connect the Tan wire to the Yellow wire using a crimp on splice.

This essentially disables the low beam control from the dimmer switch and leaves the low beams constantly on when the headlight switch is turned on. The High beams are activated when the dimmer switch is turned to high beam.

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