# How to hardwire the SONY DSC-P32 DIGITAL CAMERA

**Revised 12/20/03**

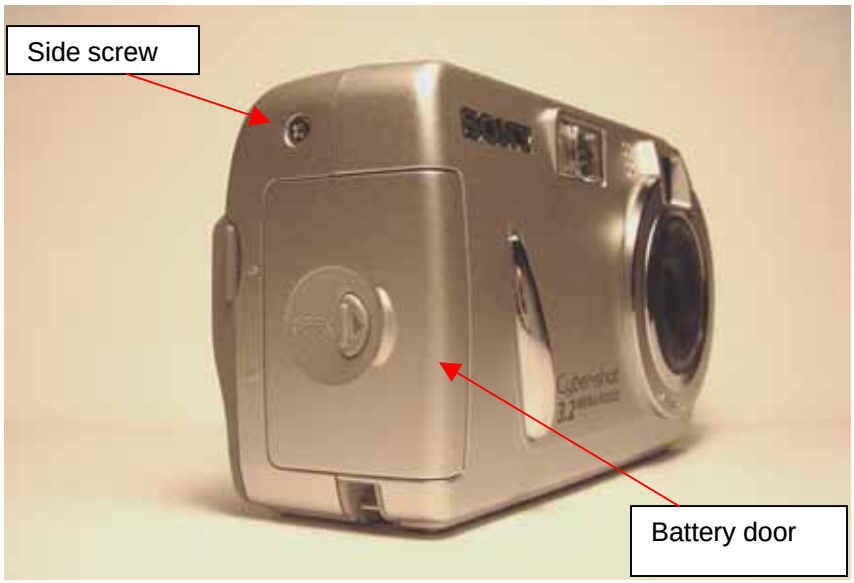
This document outlines the modification of the Sony DSC-P32 Digital Camera so the shutter and power controls can be operated remotely. **Please note that following these modifications will void the camera's warranty**. It is highly recommended that the following **solderless** modification be used. No guarantee is implied or expressed in these instructions. This is the safest way of hardwiring the Sony DSC-P32 Digital Camera. All camera modifications are done at your own risk. **Alternate modification methods are recognized as a valid alternative, but are not recommended due to a high probability of damaging internal components of the camera.**


## Step #1: Identify and Remove 4 Body Screws

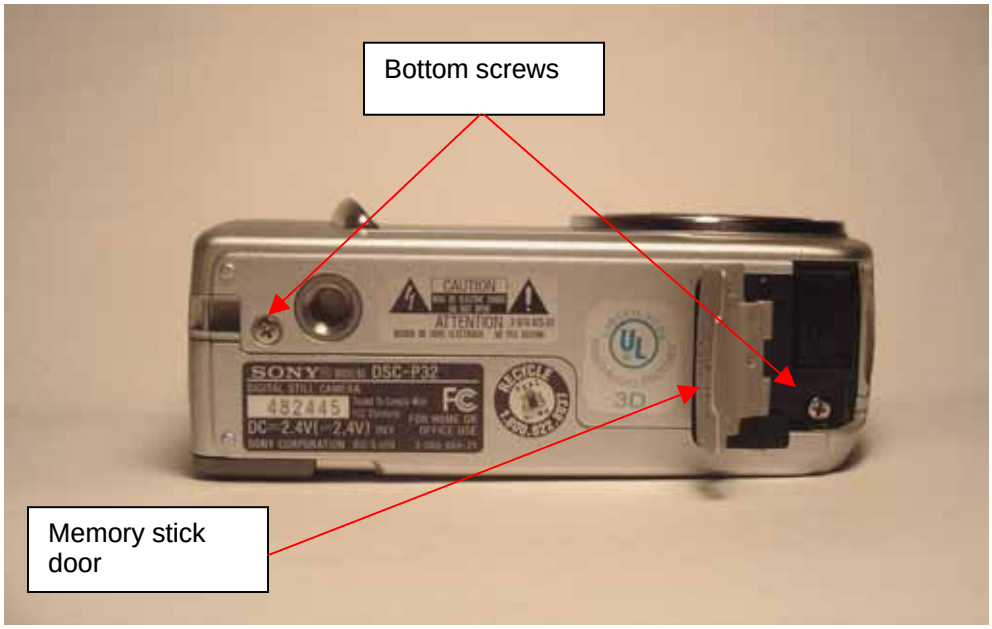
- Remove 4 body screws using # 0 precision Phillips screwdriver. ***REF:** pictures **1-A** through **1-C**

**1-A**


**1-B**



1-C




Step #2: Open Camera Housing and Remove Control Cable

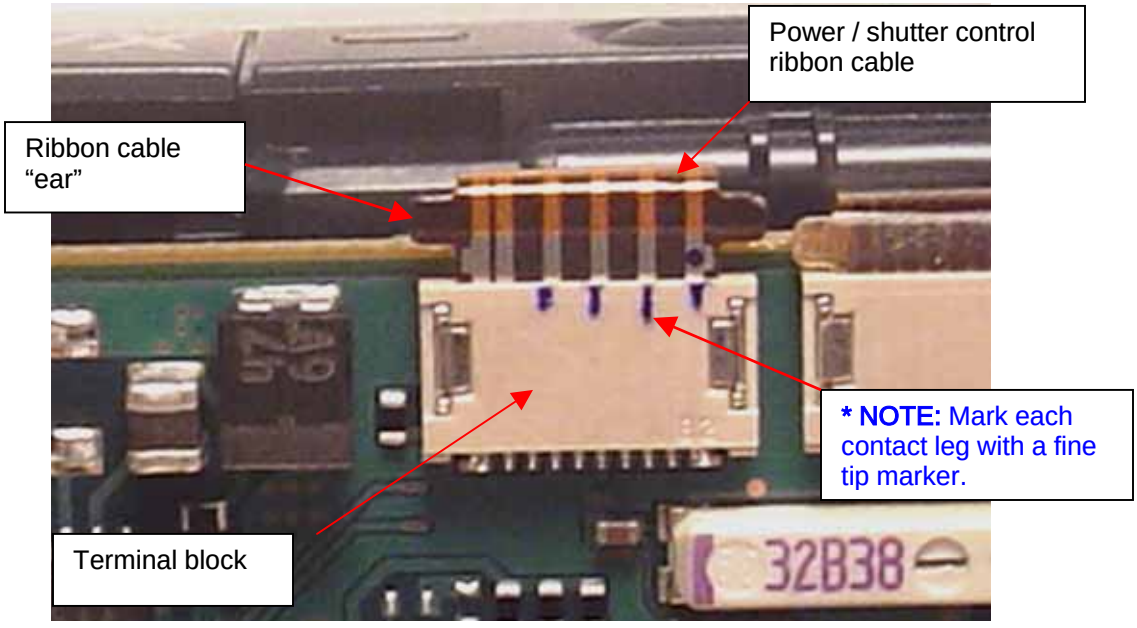
- Gently pry the camera body apart with your fingers. The back portion with the LCD screen will pull away.

*CAUTION: There is a ribbon cable connected to the back cover's LCD screen, use extra caution when separating the camera from the back cover.

- Once you have the camera apart, lay the back flush to your work area, leaving the front half standing. **Ref: 2-A**.
- Locate the power / shutter control ribbon cable and terminal block on the top of the main circuit board of the camera.

*NOTE: you will want to mark each contact leg of the power / shutter control ribbon cable for alignment of the Sony Shutter Assembly 32/52. **REF 2-A.b**

2-A.b



- With a pair of precision needle nose pliers, grab the ear of the control cable or with a #0 flathead screwdriver gently pry the ear of the control cable on one side, then the other, to a point where you can slip your fingernails under them. Then work the control cable out of the terminal block using equal pressure from both sides.

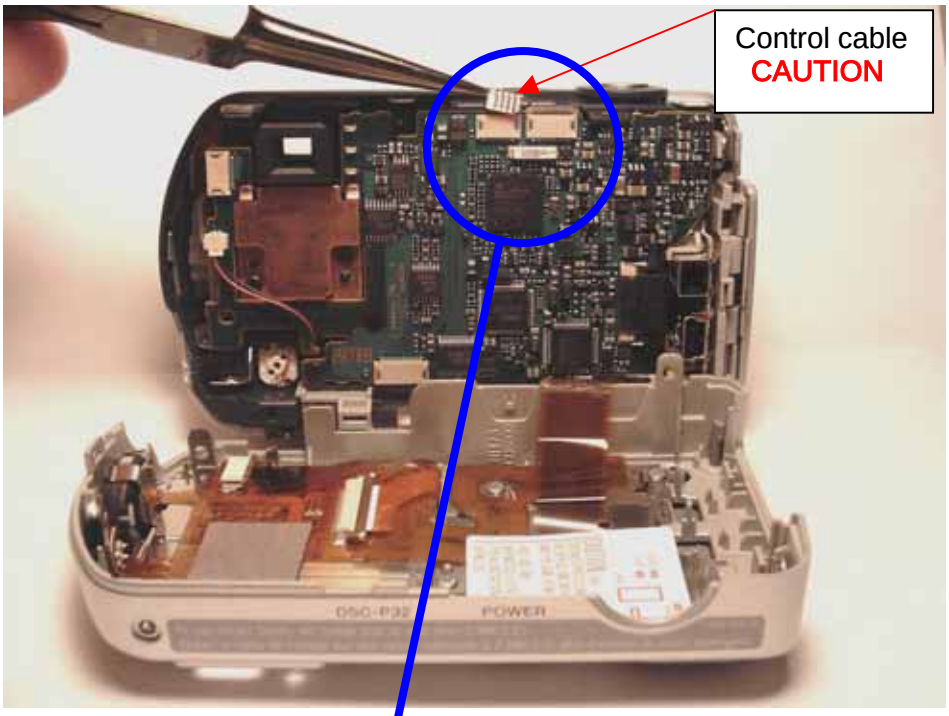
*NOTE: Work side to side while **gently** pulling up on the ears of the control cable. **REF: 2-A**

***CAUTION: The control cable tears very easily.**

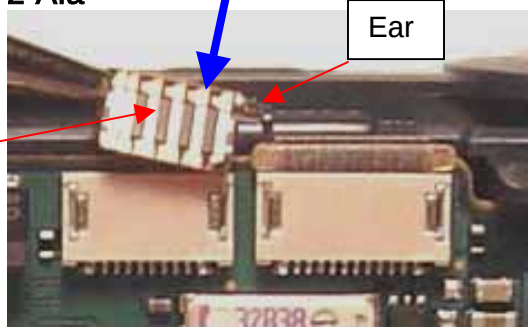
***CAUTION: Do not grab the control cable above the ears.**

***CAUTION: Do not grab across the bare contact points.**

**2-A**




**2-A.a**




**Step #3: Install Sony Shutter Assembly 32/52 REF: 3-A.a**

- Once you have extracted the camera's control cable from the connector, gently insert the exposed contact legs of the shutter assembly into the terminal block. **REF: 3-A**
- Insert the camera's control cable behind the shutter assembly cable. It is a snug fit; apply equal pressure to the ears of the camera's control cable, making sure all contact points are aligned with your marks. **REF: 3-A and 3-B**

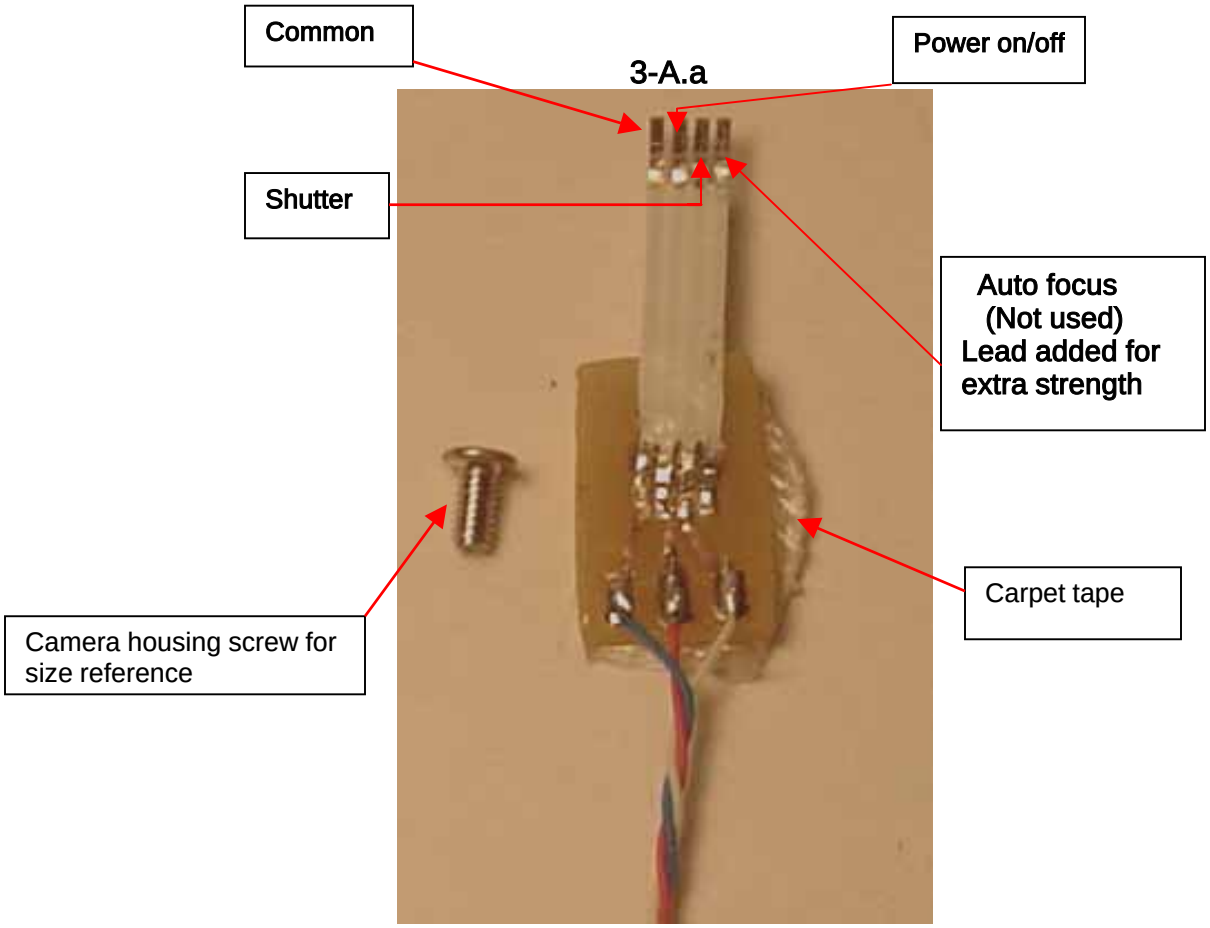
***CAUTION: Do not twist or abuse the control cable.**

- Now that the shutter assembly is in place, bend the shutter assembly cable down so the pcb board contacts the black chip on back of the camera's main board. Adhere the assembly to the chip with supplied carpet tape. **REF: 3-B**
- Apply a piece of black electrical tape over the Sony Shutter Assembly 32/52 to protect from accidental shorting. **REF: 3-C**
- Tie a loose knot in the wires to keep from pulling on the shutter assembly.

***NOTE:** Insert batteries and test the function of the camera by touching power and shutter wires to the common **Ref: 3-D**

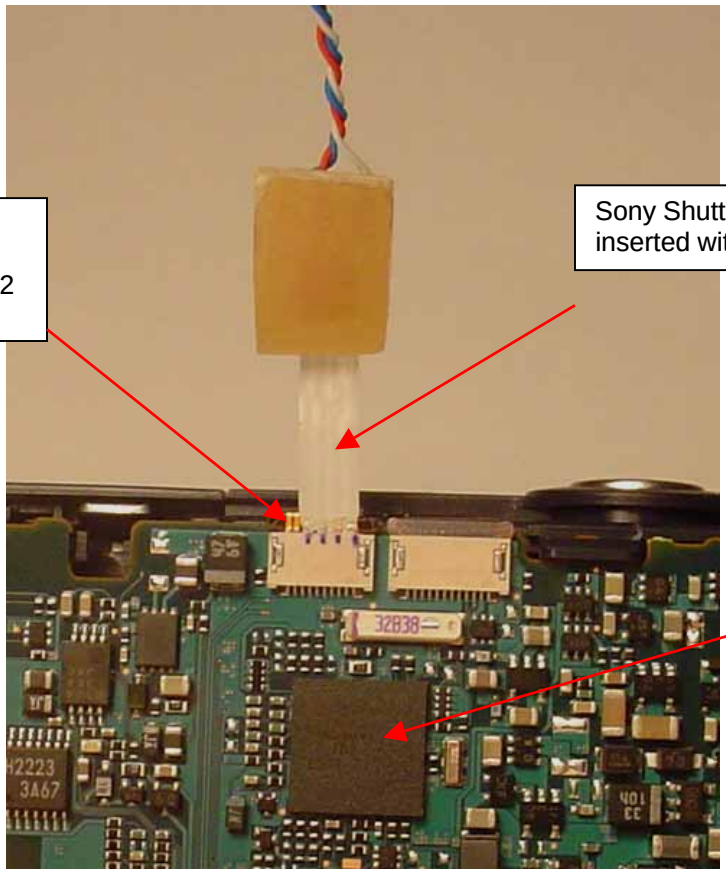
- **Power and Common wire touched together should start up the camera.**
- **Shutter and Common wire touched together should snap a picture.**

- Drill a 1/16 hole through the back of camera housing to run the control wires out, making sure there is no tension on the shutter assembly. **Ref: 3-D**
- Run wires through 1/16 hole. **REF: 3-D**
- Assemble camera by installing the 4 screws. **REF: 1-A through 1-C**

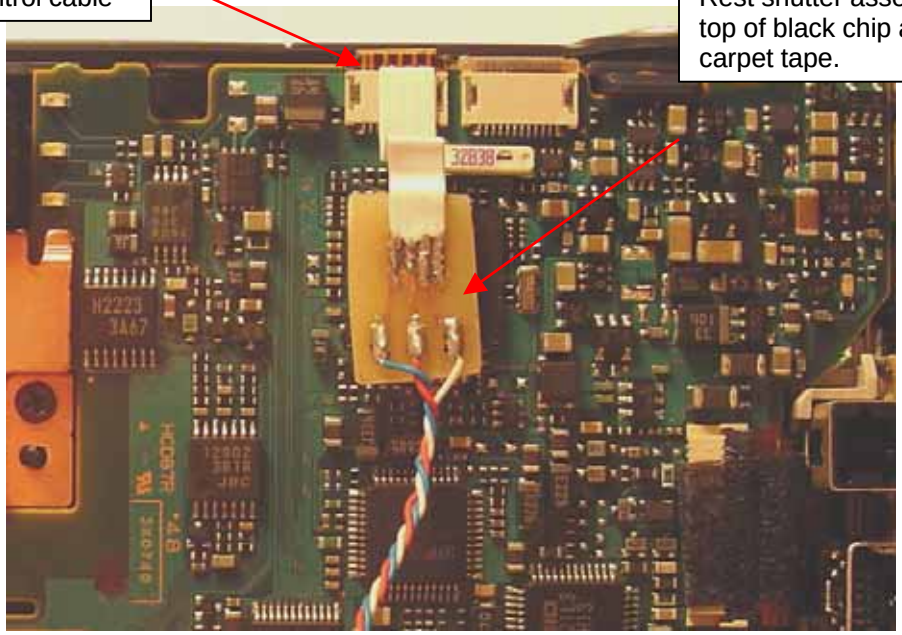



- Sony Shutter Assembly 32/52 -
See information at end of document for purchase information

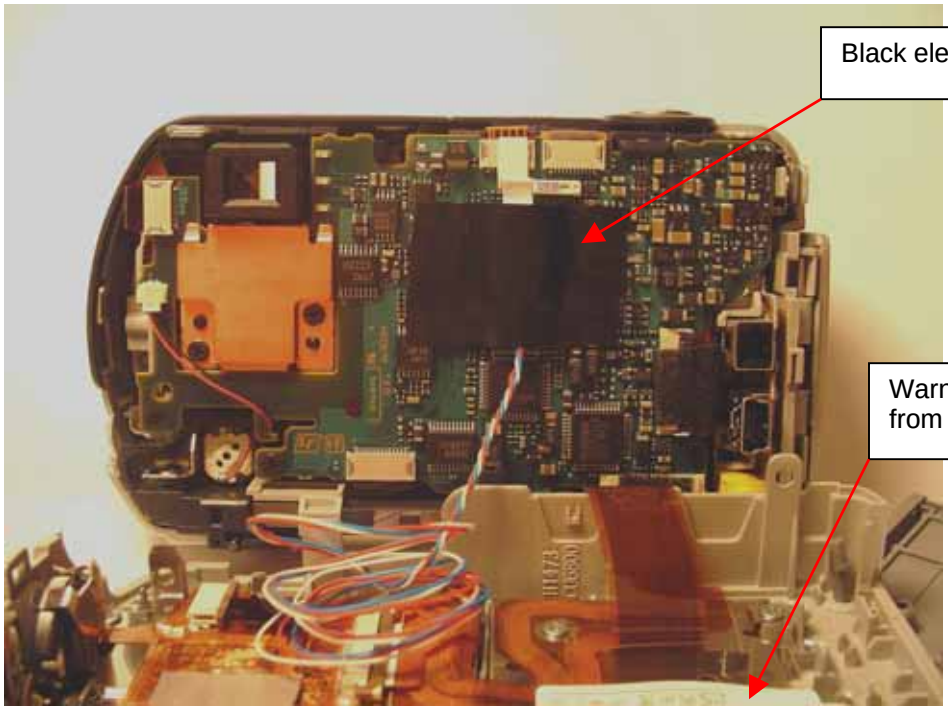
3-A


Camera control cable inserted behind Sony Shutter Assembly 32/52
CAUTION
Sony Shutter Assembly 32/52 inserted with aligned contacts.
Black chip

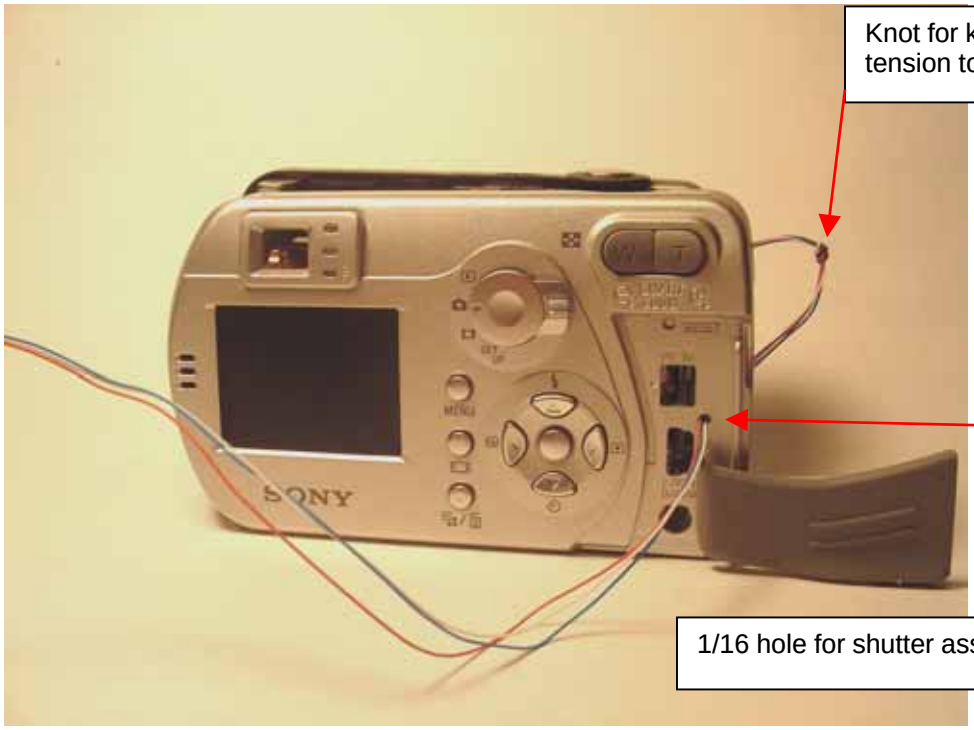
3-B


Camera control cable
Rest shutter assembly pcb board on top of black chip and adhere with carpet tape.

3-C




3-D




CONGRADULATIONS! Your camera is complete
Please read below for further information


INFORMATION:

The reason we opted not to solder to the bare contacts on the camera's control cable is because the bonding agent used inside the cable will break down when over heated. You may get a wire soldered to the bare contact point but run a very high risk of pulling it away from the cable and destroying the cameras switch assembly. If these contacts are broken, you will need to replace the shutter switch for the camera. Plain and simple we feel, it is just too risky.

The Sony Shutter Assembly 32/52 will be available through Jeff (elkaholic) or Butch (Hill Hopper). These will come fully assembled and tested with control wires attached and a piece of carpet tape secured to the back.