NOTE - The Choke Filter blocks all noise from entering / leaving the computer via the power lines.
MAIN GEAR PUMP CONTROL

FROM MAIN GEAR (50A)

Power Relay RC2
Direction Relay RC1

From AUX GEAR-OFF-STRUT SWITCH (SEE STRUT DIAGRAM)

Y0

Y1

Part of Landing Gear Computer

To Gear Display (UP) DB9-4

To Gear Display (DOWN) DB9-8

R1

R2

MAIN GEAR - UP

MAIN GEAR - DOWN

9 April 2007
FROM AUX GEAR-OFF-STRUT SWITCH (SEE STRUT DIAGRAM)

FROM NOSE GEAR (10A)

Nose Gear UP

Nose Gear DOWN

Part of Landing Gear Computer

Y12

Y13

NOSE GEAR CONTROL

7 JUNE 2005
NOTE
Relay circuit is designed to fail in a safe mode. If the main gear computer fails, the landing lights will work.

Landing Light Enable Relay

RC4

LEFT LIGHT

RIGHT LIGHT

FROM LANDING LIGHTS (15A)

Part of Landing Gear Computer

Y3

LANDING LIGHT CONTROL
7 JUNE 2005
From Aux Gear (15A)

From Landing Gear Control (10A)

To Main Gear

To Nose Gear

(X6) (X7) To Controller

Strut Relay RC3

Part of Landing Gear Computer

Strut SO

To Controller (X6) (X7)

Gear Off-Strut Switch

Gear (MC)

Gear Up - Off - Down

11 March 2007

Strut Control
ALTERNATOR
1981 Datson B510
Hitachi # LR-150-98

LIGHT - To Idiot light
OUTPUT - To ALT 50 AMP Breaker

FRONT BEARING - # NSK 6203DU
REAR BEARING - # NSK 6201V

ALTERNATOR
9 April 2007
NOTE - The Choke Filters block all noise from entering / leaving the radio via the power lines.
PITCH TRIM CONTROL

7 JUNE 2005
STARTER RELAY

FROM MAIN BATTERY

FROM STARTER CONTROL (5A)

START

R5

STARTER

1984-1991
Toyota Cressida
Bosch # SR-109X
Lucas # S9707
Lester # 16236

STARTER CONTROL

4 JULY 2005
The relays and a pigtail (with suppression diode) are available from Jameco. The relays are $2.49 each (part# 148582CH) and the pigtail is $2.35 (Part# 170624CH)
### INFINITY I Military Style Grip

**1 AUG 2005**

<table>
<thead>
<tr>
<th>Description</th>
<th>Button Color</th>
<th>WIRE COLOR</th>
<th>WIRE COLOR</th>
<th>COMMON</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pitch Trim Nose Down</td>
<td>COOLIE</td>
<td>BLACK (1)</td>
<td>BROWN</td>
<td>(12 vdc) TRIM</td>
<td>R9 - 85</td>
</tr>
<tr>
<td>Pitch Trim Nose Up</td>
<td>COOLIE</td>
<td>BLACK (1)</td>
<td>BLUE</td>
<td>(12 vdc) TRIM</td>
<td>R8 - 85</td>
</tr>
<tr>
<td>Roll Trim Left</td>
<td>COOLIE</td>
<td>BLACK (1)</td>
<td>RED</td>
<td>(12 vdc) TRIM</td>
<td>R10 - 85</td>
</tr>
<tr>
<td>Roll Trim Right</td>
<td>COOLIE</td>
<td>BLACK (1)</td>
<td>GREEN</td>
<td>(12 vdc) TRIM</td>
<td>R11 - 85</td>
</tr>
<tr>
<td>Radio PTT</td>
<td>TRIGGER</td>
<td>WHITE</td>
<td>WHITE / BLACK</td>
<td>GROUND</td>
<td>PTT ATC-2</td>
</tr>
<tr>
<td>Speed Brake RETRACT</td>
<td>TOGGLE</td>
<td>BLACK (2)</td>
<td>RED / BLACK</td>
<td>(12 vdc) SPD BRAKE</td>
<td>R7 - 85 (Y4 Gear Computer)</td>
</tr>
<tr>
<td>Speed Brake EXTEND</td>
<td>TOGGLE</td>
<td>BLACK (2)</td>
<td>RED</td>
<td>(12 vdc) SPD BRAKE</td>
<td>R6 - 85</td>
</tr>
<tr>
<td>Alarm Mute</td>
<td>GREEN</td>
<td>GREEN</td>
<td>GREEN / BLACK</td>
<td>GROUND</td>
<td>X20 - Gear Controller</td>
</tr>
<tr>
<td>AP Disable</td>
<td>BLACK</td>
<td>BLACK</td>
<td>BLACK / WHITE</td>
<td>(12 vdc) TRIM</td>
<td>R12 - 85</td>
</tr>
<tr>
<td>CHAN MEMORY CHANGE</td>
<td>BLUE</td>
<td>BLUE</td>
<td>BLUE / BLACK</td>
<td>GROUND</td>
<td>PIN 12 ICOM</td>
</tr>
</tbody>
</table>
Align the prox so it just activates when the canopy handle is in the LOCK position.

This bolt can be moved in/out with spacer washers so it activates the Proximity sensor.

Part # APS4-12S-E-D

CANOPY PROXIMITY SENSOR

9 April 2007