### V Force Wiring Pin Outs

<table>
<thead>
<tr>
<th>Year</th>
<th>Model</th>
<th>Engine Size</th>
<th>Color</th>
<th>Location</th>
<th>Year</th>
<th>Model</th>
<th>Engine Size</th>
<th>Color</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1995-2000</td>
<td>CHEROKEE</td>
<td>2.5L</td>
<td>ORG/DBLU</td>
<td>1</td>
<td>1995-2001</td>
<td>CHEROKEE</td>
<td>4.0L</td>
<td>ORG/DBLU</td>
<td>1</td>
</tr>
<tr>
<td>1995-1996</td>
<td>GRAND CHEROK</td>
<td>4.0L</td>
<td>ORG/DBLU</td>
<td>1</td>
<td>1997-1998</td>
<td>GRAND CHEROK</td>
<td>4.0L</td>
<td>ORG/DBLU</td>
<td>1</td>
</tr>
<tr>
<td>1999-2004</td>
<td>GRAND CHEROK</td>
<td>4.0L</td>
<td>ORG/RED</td>
<td>1</td>
<td>2010</td>
<td>GRAND CHEROK</td>
<td>3.7L</td>
<td>BRWN/ORG</td>
<td>1</td>
</tr>
<tr>
<td>2011-2012</td>
<td>GRAND CHEROK</td>
<td>3.6L</td>
<td>BROWN</td>
<td>1</td>
<td>2011-2012</td>
<td>GRAND CHEROK</td>
<td>3.6L</td>
<td>BROWN</td>
<td>1</td>
</tr>
<tr>
<td>2002-2003</td>
<td>LIBERTY</td>
<td>2.4L</td>
<td>ORG/DBLU</td>
<td>1</td>
<td>2002-2003</td>
<td>LIBERTY</td>
<td>3.7L</td>
<td>ORG/DBLU</td>
<td>1</td>
</tr>
<tr>
<td>2004</td>
<td>LIBERTY</td>
<td>2.4L</td>
<td>ORG/DBLU</td>
<td>1</td>
<td>2004</td>
<td>LIBERTY</td>
<td>3.7L</td>
<td>ORG/DBLU</td>
<td>1</td>
</tr>
<tr>
<td>2005</td>
<td>LIBERTY</td>
<td>2.4L</td>
<td>BRWN/ORG</td>
<td>1</td>
<td>2005</td>
<td>LIBERTY</td>
<td>3.7L</td>
<td>BRWN/ORG</td>
<td>1</td>
</tr>
<tr>
<td>2006-2007</td>
<td>LIBERTY</td>
<td>3.7L</td>
<td>BRWN/ORG</td>
<td>1</td>
<td>2008-2012</td>
<td>LIBERTY</td>
<td>3.7L</td>
<td>DKGRN/ORG</td>
<td>1</td>
</tr>
<tr>
<td>1997-2002</td>
<td>WRANGLER</td>
<td>2.5L</td>
<td>ORG/DBLU</td>
<td>1</td>
<td>1997-2002</td>
<td>WRANGLER</td>
<td>4.0L</td>
<td>ORG/DBLU</td>
<td>1</td>
</tr>
<tr>
<td>2003-2004</td>
<td>WRANGLER</td>
<td>2.4L</td>
<td>ORG/DBLU</td>
<td>1</td>
<td>2003-2004</td>
<td>WRANGLER</td>
<td>4.0L</td>
<td>ORG/DBLU</td>
<td>1</td>
</tr>
<tr>
<td>2005-2006</td>
<td>WRANGLER</td>
<td>2.4L</td>
<td>BRWN/ORG</td>
<td>1</td>
<td>2005-2006</td>
<td>WRANGLER</td>
<td>4.0L</td>
<td>BRWN/ORG</td>
<td>1</td>
</tr>
<tr>
<td>2007-2011</td>
<td>WRANGLER</td>
<td>3.8L</td>
<td>BRWN/ORG</td>
<td>1</td>
<td>2007-2011</td>
<td>WRANGLER</td>
<td>3.8L</td>
<td>BRWN/ORG</td>
<td>1</td>
</tr>
</tbody>
</table>

**TPS Location:**

1 = On side of throttle body, opposite throttle linkage

**MAP Location:**

A = On left side of intake manifold
B = On upper intake plenum
C = On intake manifold plenum
D = On right front of intake plenum
E = On intake manifold plenum, near timing belt cover
F = Left front of engine
G = Top right rear of engine
H = Top front of engine
I = Top rear of engine
J = On rear of intake manifold
K = On front of intake manifold
L = On throttle body
M = On firewall center of engine

---

**02 Sensor Signal Connections**

<table>
<thead>
<tr>
<th>O2 Type</th>
<th>Wire Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chrysler 3 wire</td>
<td>Black</td>
</tr>
<tr>
<td>Chrysler 4 wire</td>
<td>Black</td>
</tr>
</tbody>
</table>
**Dash or Console Mounting Instructions**

Step 1. Choose a suitable location for disc and pedestal installation. Do not place it in or near an air bag deployment zone or where it will obstruct view of the road or hinder vehicle operation.

Step 2. Clean the dash or console surface area thoroughly with the included alcohol pad. Allow the area dry before applying the mounting disc.

Step 3. Remove the paper backing of the disc and place on the cleaned surface. Press the top of the disc down firmly to allow the adhesive to stick to the surface. Allow 24 hours for the adhesive to cure to the surface before applying any pressure.

Step 4. Place the suction cup of the pedestal (sold separately) firmly down on the center of the mounting disc and lower the securing lever.

**Disc Removal Instructions**

Step 1. Prepare the surface around the disc by applying a generous amount of rubbing alcohol or similar adhesive removal product to the area with a cotton swab. Let the liquid saturate the adhesive area for about a minute.

Step 2. Take a long piece of dental floss in each hand and slowly work back and forth at the base of the adhesive disc. Gently use the dental floss to cut the adhesive from the dash or console. until the black plastic disc is removed.

Step 3. If the sticky adhesive area breaks apart or does not come off completely, reapply a small amount of alcohol (or adhesive removal liquid) and carefully lift off the remaining area by hand.

---

**Safety Precautions**

- Follow all manufacturer safety guidelines for operating your device. Failure to practice safe usage of GPS device while driving may result in damage, injury, or death. Do not install Arkon products over an air bag cover or within the air bag deployment zone.
- Arkon is not responsible for any damages caused to your car, your device, or yourself due to the installation or use of this pedestal mount.

---

**GN014-SBH | Mini Windshield Suction Swivel Mount**

**Package Contents:**

1. Self-adhesive dash or console pedestal mounting disc
2. Alcohol cleaning pad

No tools required for installation.

*Note: Adhesive disc is intended for semi-permanent installation and one time application. If disc needs to be removed, please see the removal instructions below.*
Windshield Mounting

Step 1. Find a safe location on the interior of the vehicle's windshield. Firmly push the suction base (A) against the windshield and flip the base lever down (B) to the locked position. See diagram below.

Step 2. Adjust the angle of the pedestal arm by tightening the angle adjustment knob (C) at the base to the desired angle.

Attach Cradle or Device to Pedestal

Step 1. To attach your cradle or device (not included; sold separately) to the dual T-head, insert the dual T-tabs (G) into the dual T-slots (H) on the back of the cradle or device.

Attaching a Garmin Device to Pedestal

Step 1. Do not attach the swivel ball head assembly. Attach your Garmin device (not included; sold separately) to the ball head by firmly inserting the ball head (I) into the cavity (J) in the back of the device.

Safety Precautions

Follow all manufacturer safety guidelines for using your device. Failure to properly use or install your device may result in damage, injury, or death.

Arkon is not responsible for any damages caused to your car, your device, or yourself due to the installation or use of this pedestal mount.