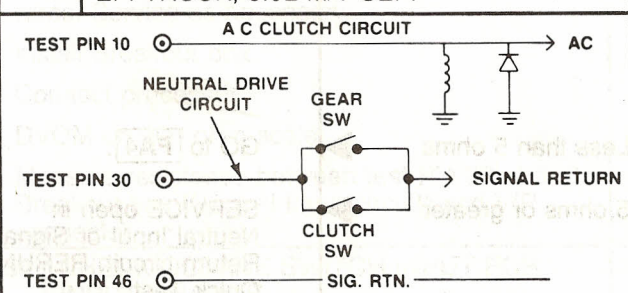


# Neutral Drive Switch A/C Input

## Pinpoint Test

**FA**

TEST STEP	RESULT	ACTION TO TAKE
<p><b>FA3</b> NEUTRAL DRIVE SWITCH CHECK</p> <ul style="list-style-type: none"> <li>● Key Off, wait 10 seconds.</li> <li>● Breakout box installed.</li> <li>● DVOM on 200 ohm scale.</li> <li>● Locate the Neutral Drive switch.</li> <li>● Disconnect vehicle harness from the Neutral Drive switch and measure resistance across the switch.</li> </ul>	<p>Less than 5 ohms</p> <p>5 ohms or greater</p>	<p>SERVICE open in vehicle harness Neutral Drive circuit. RERUN Quick Test.</p> <p>REPLACE Neutral Drive switch. RERUN Quick Test.</p>
<p><b>FA4</b> A/C INPUT CHECK</p> <ul style="list-style-type: none"> <li>● Breakout box installed.</li> <li>● Key On, Engine Off.</li> <li>● DVOM on 20V scale.</li> <li>● A/C control Off. Measure voltage between test Pin 10 (A/C clutch circuit) at the Breakout box and chassis ground.</li> </ul>	<p>1.0V or greater</p> <p>Less than 1.0V</p>	<p>SERVICE short to power in A/C clutch circuit. RERUN Quick Test.</p> <p>REPLACE processor. RERUN Quick Test.</p>
<p><b>FA10</b> NEUTRAL/CLUTCH INPUT CHECK 1.9L, 2.3L EFI TRUCK, 2.3L CFI M/T 2.9L, 3.0L EFI TRUCK, 5.0L M/T SEFI</p>  <ul style="list-style-type: none"> <li>● Key Off, wait 10 seconds.</li> <li>● Verify A/C is off, if so equipped.</li> <li>● Verify transmission is in NEUTRAL and clutch is released.</li> <li>● Disconnect processor 60 Pin connector and inspect for damaged pins, corrosion, loose wires. Service as necessary.</li> <li>● Install Breakout box.</li> <li>● Connect processor.</li> <li>● DVOM on 200 ohm scale.</li> <li>● Measure resistance between test Pin 30 (Neutral Drive circuit) and test Pin 46 (Signal Return circuit) at the Breakout box.</li> </ul>	<p>Less than 5 ohms</p> <p>5 ohms or greater</p>	<p>GO to <b>FA4</b>.</p> <p>GO to <b>FA11</b>.</p>