

# J - PIN VOLTAGE CHARTS

## Article Text

1989 Volkswagen Golf  
For Volkswagen Technical Site  
Copyright © 1998 Mitchell Repair Information Company, LLC  
Monday, August 23, 1999 11:56PM

### ARTICLE BEGINNING

#### 1989 ENGINE PERFORMANCE

#### Volkswagen Pin Voltage Charts

Fox, Golf, Jetta, Vanagon

### INTRODUCTION

"PIN VOLTAGE CHARTS" are supplied (where available) to speed up the diagnostic process. By checking pin voltages at the electronic control unit, it is possible to determine if the control unit is receiving and transmitting proper voltage signals. Charts may also help determine if control unit harness has shorts or opens.

**NOTE:** All voltage tests should be performed with a Digital Volt Ohmmeter (DVOM) with a minimum 10-megohm input impedance, unless specifically stated different in testing procedures.

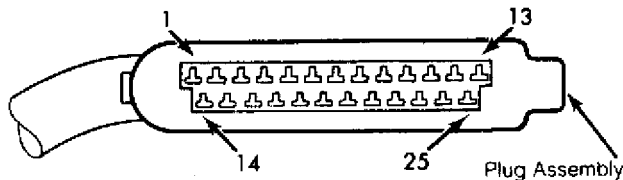


Fig. 1: Fox ECU Connector  
Courtesy of Volkswagen United States, Inc.

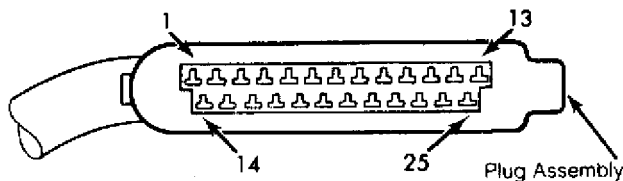


Fig. 2: Golf & Jetta ECU Connector  
Courtesy of Volkswagen United States, Inc.

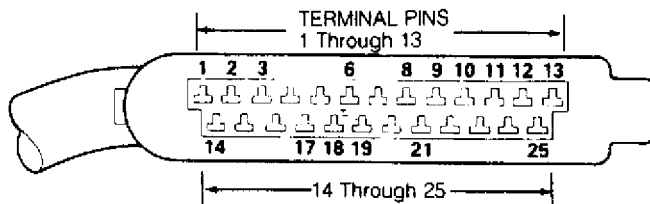


Fig. 3: Vanagon ECU Connector  
Courtesy of Volkswagen United States, Inc.

### END OF ARTICLE