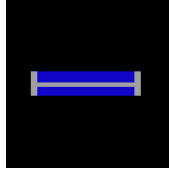
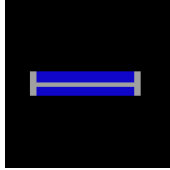
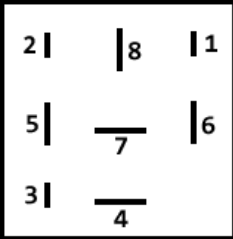


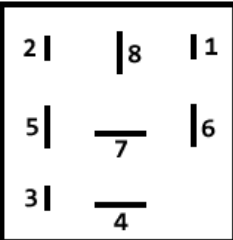


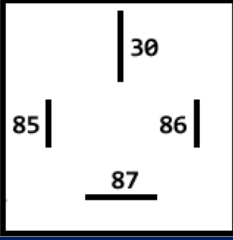
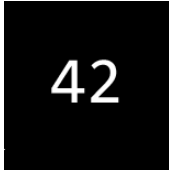
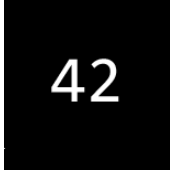
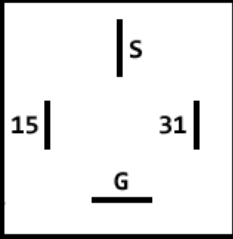


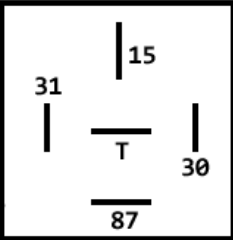
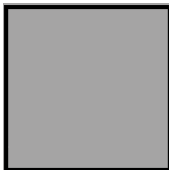

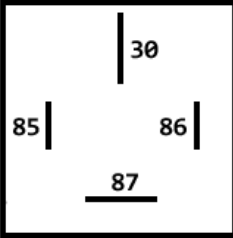
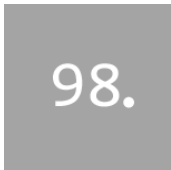
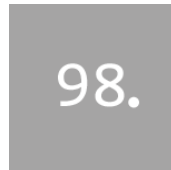
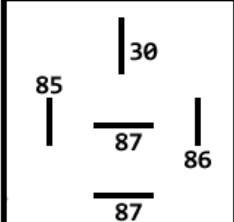

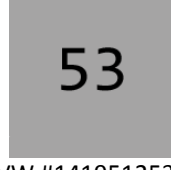
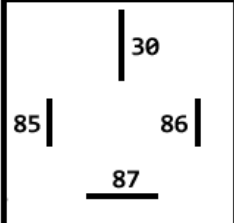
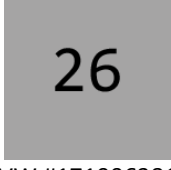
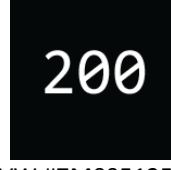
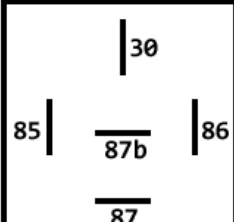

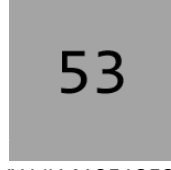
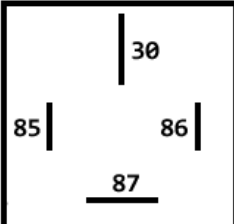
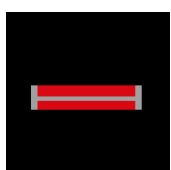
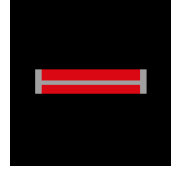
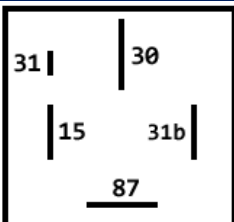

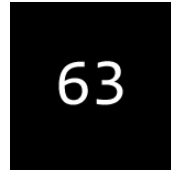
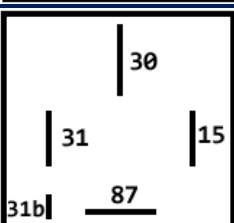
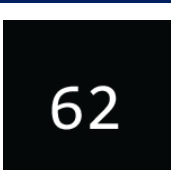
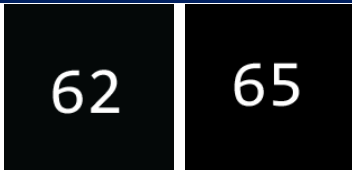
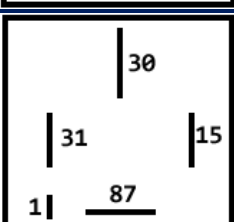




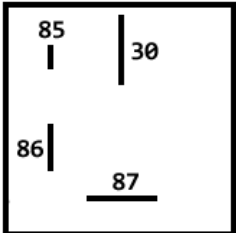
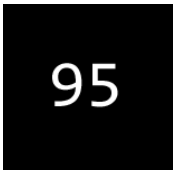

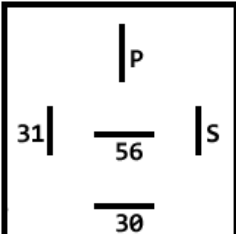


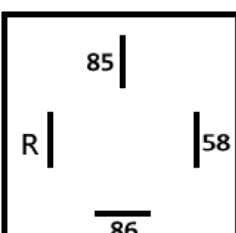

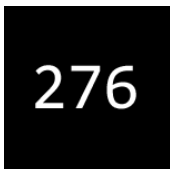
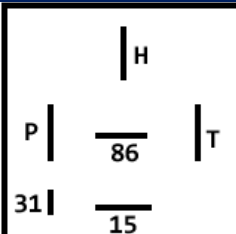


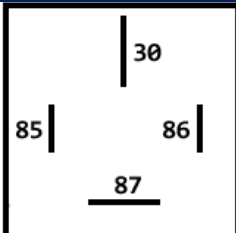

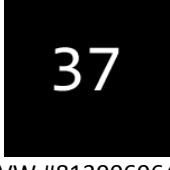
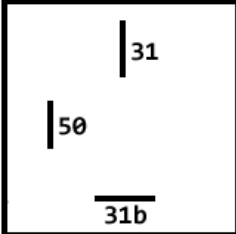

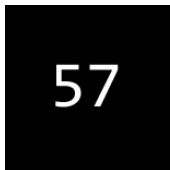
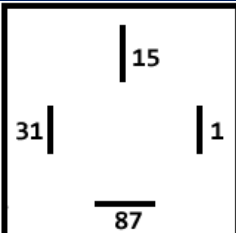
# Volkswagen Cabriolet



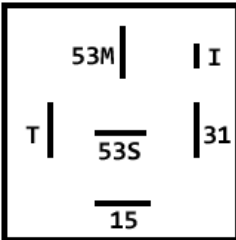

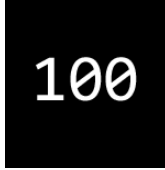
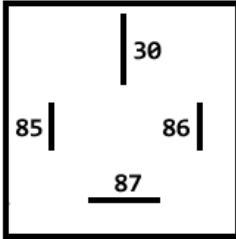


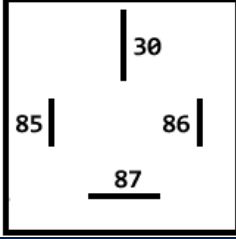


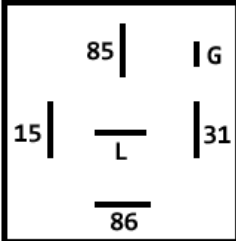


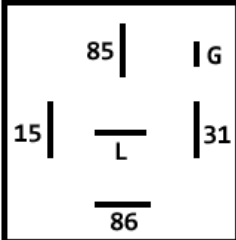


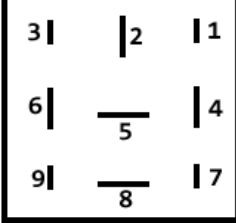
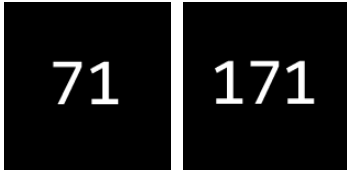

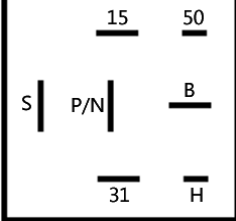
## Relay Replacement Guide

The large numbers printed on the top of the relays applies to OEM relays; aftermarket relays do not usually have these numbers.

Function	Original Relay	Replacement Relay(s)	Pin Layout
Air Conditioning 1980-1982	 VW #161959141	 VW #161959141	
Air Conditioning 1983-1993	 VW #171959141A	 VW #171959141A Meyle #1009590008; KAE #3.700.110	
Cold Start Enrichment (CIS) 1988+	 VW #141951253B	 VW #141951253B Meyle #1009510001	
Coolant Low-Level Warning Control Unit	 VW #191919376A	 VW #191919376A KAE #3.800.100	
Cooling Fan Time Control Unit (Digifant)	 VW #191955532A	 VW #191955532A	
Cooling Fan After-run Control Unit 1988-1993	 VW #171919505A	 VW #171919505A; 141951253B Meyle #1009510001	

<b>Daytime Running Lights</b>	 VW #701919505	 VW #701919505	
<b>Fog Lamps (Europe)</b>	 VW #141951253B	 VW #141951253B Meyle #1009510001	
<b>Fuel Injection Power Supply (CIS)</b> AKA: Lambda Relay O2 sensor relay  <i>[See notes on page 5]</i>	 VW #171906381 Audi #431951253C	 VW #7M0951253 Bosch #0332015006	
<b>Fuel Injection Power Supply (Digifant)</b> AKA: Digifant Control Unit	 VW #141951253B	 VW #141951253B Meyle #1009510001	
<b>Fuel Pump (CIS)</b> 1980-1982	 VW #321906059C	 VW #321906059C KAE #3.300.100	
<b>Fuel Pump (CIS)</b> 1983-1987  <i>[See notes on last page]</i>	 VW #321906059D VW #321906059E	 VW #321906059F KAE #3.300.210	
<b>Fuel Pump (CIS)</b> 1988-1989 (N. Amer.) 1986-1993 (Europe)  <i>[See notes on last page]</i>	 VW #321906059G	 VW #321906059G; 321906059H KAE #3.300.220; 3.300.230	

<b>Fuel Pump (Digifant)</b> 1990-1993	 VW #191906383	 VW #191906383C KAE #2.400.140	
<b>Headlight Washers</b> (Europe)	 VW #701955200	 VW #701955200	
<b>Headlights On Warning</b> Optional upgrade for panel position 7, if currently unused (CE1 panels only)	 Audi #443951307B Seat #1L0951307 Hella #3SB-004-885-02	 Audi #443951307B Seat #1L0951307 Hella #3SB-004-885-02	
<b>Heated Seats</b>	 VW #443919533A	 VW #443919533A	
<b>Horns</b> 1980-1993	 VW #141951253B	 VW #141951253B Meyle #1009510001	
<b>Hot-start Pulse Control Unit (CIS)</b> 1980+	 VW #813906064	 VW #813906064 Wehrle #53201003	
<b>Idle Boost Valve Control Unit (CIS)</b> 1984+	 VW #811905343	 VW #811905343	

<b>Intermittent Wipers</b>	 VW #321955531A	 VW #321955531A Programmable: VW #357955531, 1HM955531A; KAE #3.200.110	
<b>Load Reduction</b> AKA: X Circuit relay	 VW #171937503, 171937503A	 VW #7M0951253A	
<b>Power Windows</b> (Europe)	 VW #141951253B	 VW #141951253B Meyle #1009510001	
<b>Seatbelt Warning</b> 1980-1984	 VW #171919433	 VW #171919433 (buzzer) VW #321919433B (chime)	
<b>Seatbelt Warning</b> 1985+	 VW #321919433B	 VW #171919433 (buzzer) VW #321919433B (chime)	
<b>Starter Inhibitor Interlock</b> Auto trans only 1990+	 VW #191927181	 VW #3A0927181; 357927181A	
<b>Shift Lock Control Unit</b> Auto trans only 1990+	 VW #191919185; 155919185	 VW #191919185; 155919185	

<b>Turn Signals &amp; Emergency Flashers</b>	<div style="text-align: center; background-color: black; color: white; width: 60px; height: 60px; margin: 0 auto; display: flex; align-items: center; justify-content: center; font-size: 2em; font-weight: bold;">21</div> <p style="text-align: center;">VW #111953227D, 191953227A</p>	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="background-color: black; color: white; width: 60px; height: 60px; display: flex; align-items: center; justify-content: center; font-size: 2em; font-weight: bold;">21</div> <div style="background-color: black; color: white; width: 60px; height: 60px; display: flex; align-items: center; justify-content: center; font-size: 2em; font-weight: bold;">191</div> </div> <p style="text-align: center;">VW #111953227D, 191953227A; 1H0953227 Meyle #1009530012</p>	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; width: 20px; text-align: center;">49</td> <td style="width: 60px;"></td> <td style="border-left: 1px solid black; width: 20px; text-align: center;">31</td> </tr> <tr> <td colspan="3" style="border-top: 1px solid black; border-bottom: 1px solid black; text-align: center;">49a</td> </tr> </table> </div>	49		31	49a								
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49a															
<b>Upshift Indicator Control Unit</b> 1981-1987 Manual trans only	<div style="text-align: center; background-color: black; color: white; width: 60px; height: 60px; margin: 0 auto; display: flex; align-items: center; justify-content: center; font-size: 2em; font-weight: bold;">5</div> <p style="text-align: center;">VW #171919091C</p>	<div style="text-align: center; background-color: black; color: white; width: 60px; height: 60px; margin: 0 auto; display: flex; align-items: center; justify-content: center; font-size: 2em; font-weight: bold;">5</div> <p style="text-align: center;">VW #171919091C</p>	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; width: 20px;"></td> <td style="width: 20px; text-align: center;">L</td> <td style="border-left: 1px solid black; width: 20px;"></td> <td style="width: 20px; text-align: center;">1/ W</td> </tr> <tr> <td style="border-right: 1px solid black; text-align: center;">G</td> <td style="border-top: 1px solid black; border-bottom: 1px solid black; text-align: center;">U/S</td> <td style="border-left: 1px solid black;"></td> <td style="border-left: 1px solid black; text-align: center;">31</td> </tr> <tr> <td colspan="4" style="border-top: 1px solid black; border-bottom: 1px solid black; text-align: center;">15</td> </tr> </table> </div>		L		1/ W	G	U/S		31	15			
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**Important notes about the CIS-Lambda Fuel Injection Power Supply Relay**

The relay <b>MUST</b> have the following pin layout:	The following relays are <b>WRONG</b> :																																				
<div style="border: 1px solid black; padding: 10px; width: 150px; margin: 0 auto;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; width: 20px;"></td> <td style="width: 20px; text-align: center;">30</td> <td style="border-left: 1px solid black; width: 20px;"></td> </tr> <tr> <td style="border-right: 1px solid black; text-align: center;">85</td> <td style="border-top: 1px solid black; border-bottom: 1px solid black; text-align: center;">87b</td> <td style="border-left: 1px solid black; text-align: center;">86</td> </tr> <tr> <td colspan="3" style="border-top: 1px solid black; border-bottom: 1px solid black; text-align: center;">87</td> </tr> </table> </div>		30		85	87b	86	87			<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 10px; width: 150px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; width: 20px;"></td> <td style="width: 20px; text-align: center;">30</td> <td style="border-left: 1px solid black; width: 20px;"></td> </tr> <tr> <td style="border-right: 1px solid black; text-align: center;">85</td> <td style="border-top: 1px solid black; border-bottom: 1px solid black; text-align: center;">87a</td> <td style="border-left: 1px solid black; text-align: center;">86</td> </tr> <tr> <td colspan="3" style="border-top: 1px solid black; border-bottom: 1px solid black; text-align: center;">87</td> </tr> </table> </div> <div style="border: 1px solid black; padding: 10px; width: 150px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; width: 20px;"></td> <td style="width: 20px; text-align: center;">30</td> <td style="border-left: 1px solid black; width: 20px;"></td> </tr> <tr> <td style="border-right: 1px solid black; text-align: center;">85</td> <td style="border-top: 1px solid black; border-bottom: 1px solid black; text-align: center;">87</td> <td style="border-left: 1px solid black; text-align: center;">86</td> </tr> <tr> <td colspan="3" style="border-top: 1px solid black; border-bottom: 1px solid black; text-align: center;">87</td> </tr> </table> </div> <div style="border: 1px solid black; padding: 10px; width: 150px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; width: 20px;"></td> <td style="width: 20px; text-align: center;">30</td> <td style="border-left: 1px solid black; width: 20px;"></td> </tr> <tr> <td style="border-right: 1px solid black; text-align: center;">85</td> <td style="border-top: 1px solid black; border-bottom: 1px solid black; text-align: center;">87</td> <td style="border-left: 1px solid black; text-align: center;">86</td> </tr> <tr> <td colspan="3" style="border-top: 1px solid black; border-bottom: 1px solid black; text-align: center;">87</td> </tr> </table> </div> </div>		30		85	87a	86	87				30		85	87	86	87				30		85	87	86	87		
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# 1983-1993 Cabriolet CIS Fuel Pump Relays

**3.300.210**

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**K.A.E.**  
KAehler Automotive Equipment

**3.300.220**

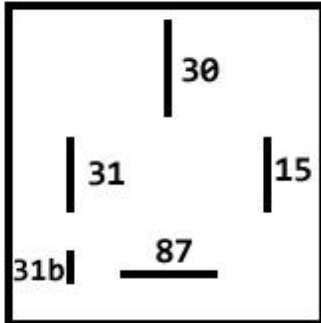
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**K.A.E.**  
KAehler Automotive Equipment

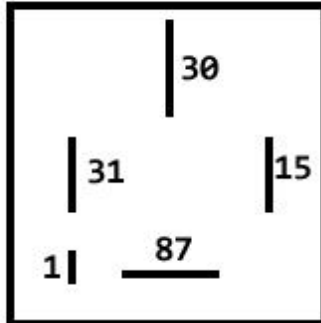
**3.300.230**

1 31 15 30 87

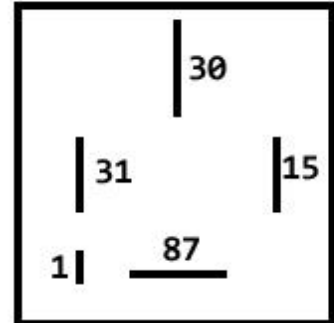
**K.A.E.**  
KAehler Automotive Equipment



**321906059D**  
**321906059E**  
**321906059F**



**321906059G**




**321906059H**

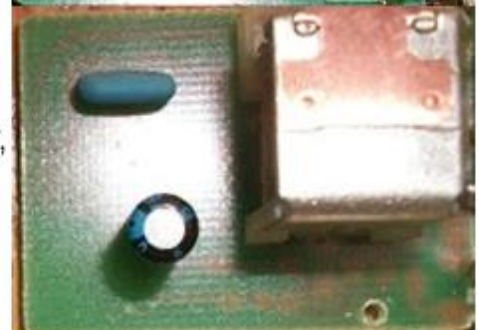
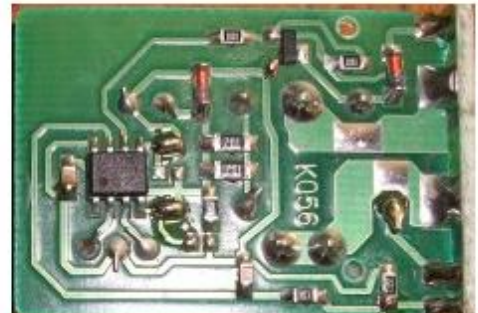
*All of the above replacement relays are interchangeable, provided the factory installed the correct circuit board:*



If possible, before leaving the store (or if the car will not stay running after installing a new KAE relay), open the relay. You should see circuit board 055.



If you see 056 or similar,  it is the incorrect circuitry for the relay & should be returned.



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