

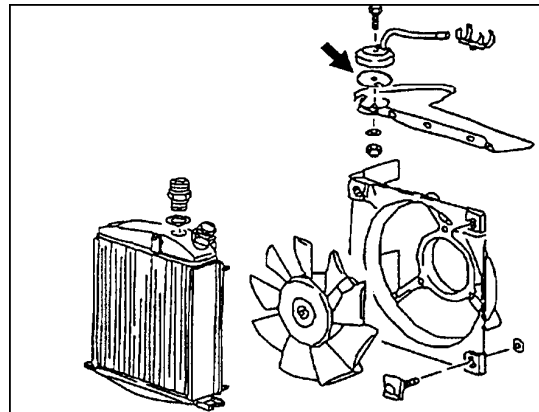
**New Ballast Resistor For Oil Cooler Fan**

Vehicle Type: **964: 911 Carrera 2/911 Carrera 4/911 Carrera RS/911 Turbo  
993: 911 Carrera 2/911 Carrera 4/911 Carrera RS/911 Turbo**

Model Year: **1989 (K) to 1997 (V)**

Concern: **New ballast resistor with cooling plate for oil cooler fan.**

Information: If replacement of the ballast resistor for the oil cooler becomes necessary, new ballast resistor with cooling plate must be installed. The cooling plate is located between the oil cooler air guide and the ballast resistor (arrow, figure 1).



**Figure 1**

Parts Information:	Part Number	Description
	993 616 521 01	New ballast resistor with cooling plate for 964 and 993.
	993 616 521 00	Old style ballast resistor for 993, no longer available.
	964 616 521 01	Old style ballast resistor for 964, no longer available.

Working Time: **964: 911 Carrera 2/911 Carrera 4/911 Carrera RS/911 Turbo**

Labor Operation	Time Units	Description
17 58 19 00	90 TU	Replacing ballast resistor for oil cooler fan. Includes: R&R wheel, front wheel housing liner and front end bottom part.

**993 Manual Transmission: 911 Carrera/911 Carrera 4/911 Carrera RS**

Labor Operation	Time Units	Description
17 58 19 00	160 TU	Replacing ballast resistor for oil cooler fan. Includes: R&R wheel, front wheel housing liner and front end bottom part.

**993 Manual Transmission: 911 Turbo**

Labor Operation	Time Units	Description
17 58 19 00	150 TU	Replacing ballast resistor for oil cooler fan. Includes: R&R wheel, front wheel housing liner and front end bottom part.

**993 Tiptronic: 911 Carrera**

Labor Operation	Time Units	Description
17 58 19 03	180 TU	Replacing ballast resistor for oil cooler fan. Includes: R&R wheel, front wheel housing liner, bracket for oil cooler and front-end bottom part.

**1** 911 (964)/(993)  
1758 1/00

Technical Information

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