

# 2009

## Apuntes del alumno

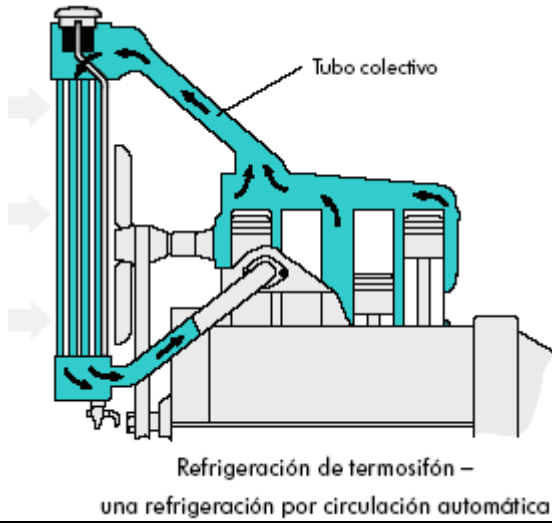


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Tutor: Javier Vidal

01/01/2009

# 1.Necesidad de la refrigeración



## ¿Por que es necesario refrigerar un motor?

This image shows a full page of white paper with horizontal blue ruling lines. The lines are evenly spaced and run across the width of the page, providing a template for handwriting practice or general writing. There are no margins, text, or other markings on the page.

## 2.Evolución de los sistemas de refrigeración

*¿Cual fué la primera refrigeración?*

This image shows a single sheet of white paper with horizontal blue ruling lines. The lines are evenly spaced and run across the width of the page. There is a vertical red margin line on the left side, creating a narrow left margin. The paper appears to be from a notebook or a standard ruled sheet of paper.[illegible]

¿Cual era su funcionamiento?

*¿Que mejoras se implantaron en este sistema?*

¿En que influye una buena refrigeración?

### 3.Refrigeración eletrónica

¿Cuál es el objetivo de este nuevo sistema?

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

#### 4.1.Caja de distribución del líquido refrigerante

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

[illegible]



## 4.2. Transmisor de temperatura

## ¿Que función realiza?

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. There are no margins, text, or other markings on the paper.[illegible]





### 4.3.Unidad de regulación del líquido refrigerante

## ¿Que función realiza?

[illegible][illegible]

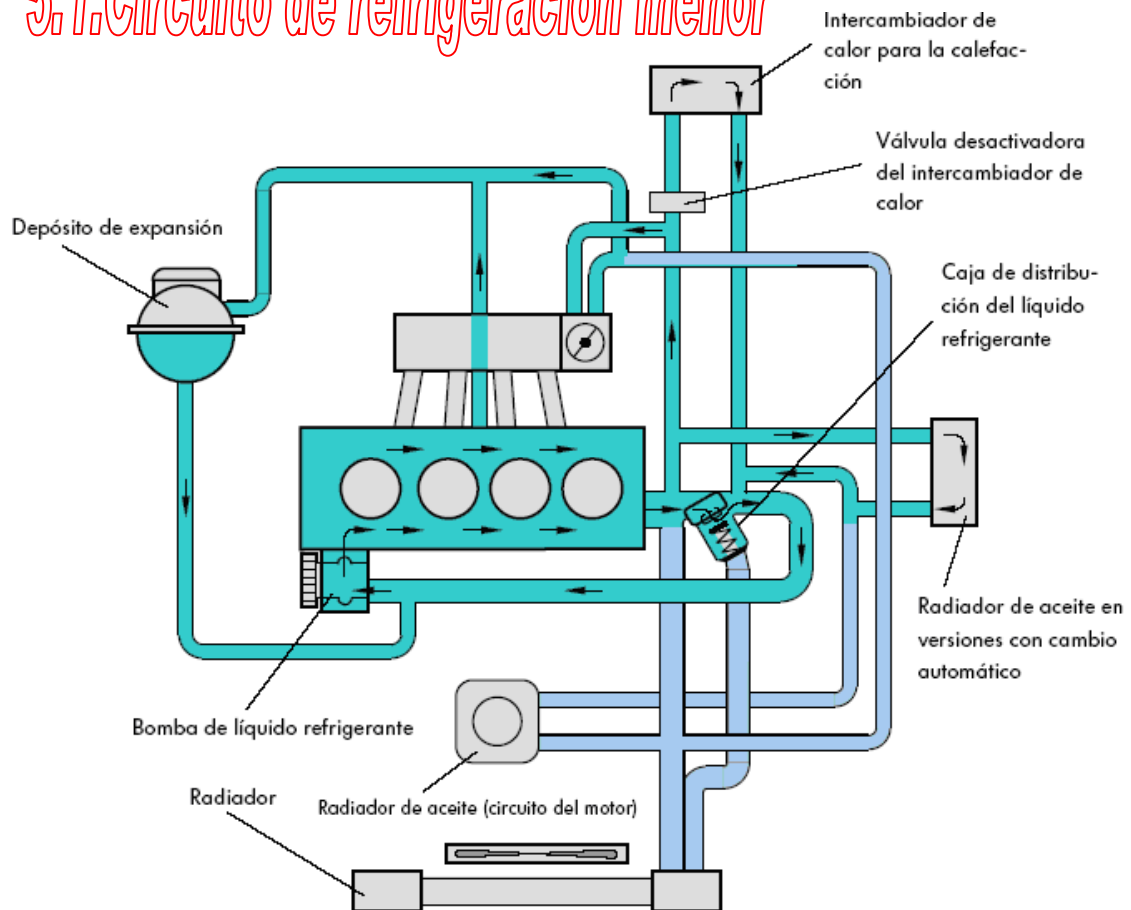


This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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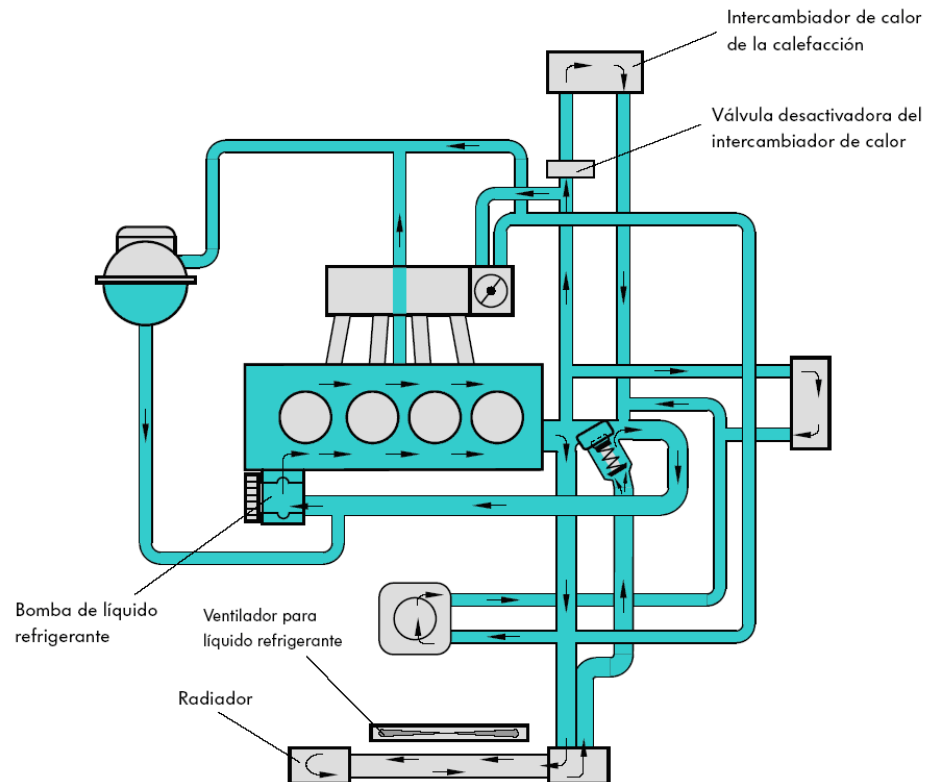
## 5. Tipos de circuito en este sistema

### 5.1. Circuito de refrigeración menor

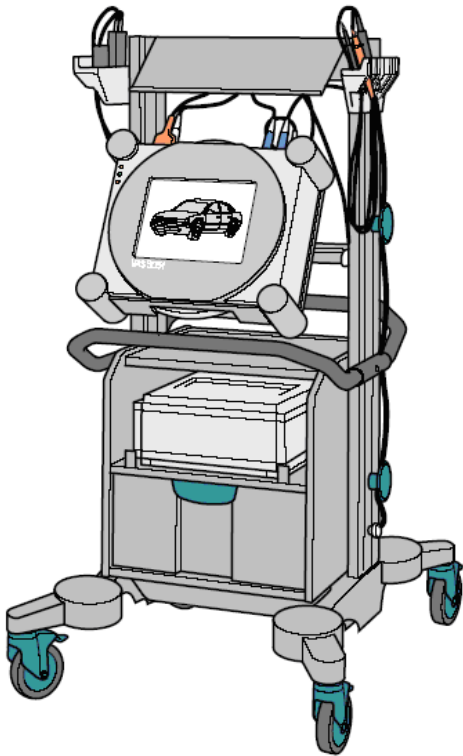


## 5.2.Circuito de refrigeración mayor

### Circuito de refrigeración mayor

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

## 6. Autodiagnosis

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.