RENAULT LAGUNA wiring diagrams

Key to circuits

Diagram 1 Information for wiring diagrams
Diagram 2 Starting, charging, Diesel fuel shut-off, engine cooling fan
Diagram 3 Diesel fuel heater, pre and post heating
Diagram 4 Turbo Diesel pre and post heating, ABS
Diagram 5 Automatic transmission, air bag/pretensioners, variable power steering
Diagram 6 Fuel injection Bosch monopoint
Diagram 7 Fuel injection (Bendix Siemens MPI)
Diagram 8 Instrument cluster
Diagram 9 Instrument cluster
Diagram 10 Speed sensor, clock/external temperature gauge, heater blower
Diagram 11 Rear wash/wipe, headlight washer, sidelights and headlights
Diagram 12 Heated front/rear screen, heated washer jets, windscreen wash/wipe
Diagram 13 Stop, reversing, fog and direction indicator lights
Diagram 14 Headlight levelling, interior lighting, glove box and boot light
Diagram 15 Rheostat interior lighting, audio system, central locking
Diagram 16 Electric mirrors and windows
RENAULT LAGUNA wiring diagrams

Diagram 1

Key to symbols

- **Bulb**
- **Switch**
- **Multiple contact switch (ganged)**
- **Fuse/fusible link and rating**
- **Resistor**
- **Variable resistor**
- **Item no.**
- **Pump/motor**

Earth locations

- **E1** Below RH rear light cluster
- **E2** Below LH rear light cluster
- **E3** Below LH rear light cluster
- **E4** RH driver's inner sill
- **E5** LH passenger's front inner sill
- **E6** LH passenger's rear inner sill
- **E7** LH side engine (Diesel)
- **E8** Front of engine compartment below LH headlight

Terminal identification

- **15** Ignition switch 'ignition' position
- **15** Ignition switch 'ignition' position
- **30** Battery +ve
- **31** Earth
- **50** Ignition switch 'start' position
- **85** Relay winding input
- **86** Relay winding earth
- **87** Relay output
- **87a** Relay output
- **D+** Charge warning light

Typical passenger compartment fuse box

<table>
<thead>
<tr>
<th>Fuse</th>
<th>Rating</th>
<th>Circuit protected</th>
</tr>
</thead>
<tbody>
<tr>
<td>F1</td>
<td>20A</td>
<td>Cooling fan</td>
</tr>
<tr>
<td>F2</td>
<td>26A</td>
<td>Horn</td>
</tr>
<tr>
<td>F3</td>
<td>15A</td>
<td>RH main beam</td>
</tr>
<tr>
<td>F4</td>
<td>15A</td>
<td>LH main beam</td>
</tr>
<tr>
<td>F5</td>
<td>10A</td>
<td>Reversing light (automatic transmission)</td>
</tr>
<tr>
<td>F6</td>
<td>10A</td>
<td>Clock/radio and memory units, electric mirrors, alarm</td>
</tr>
<tr>
<td>F7</td>
<td>25A</td>
<td>Front wiper park position</td>
</tr>
<tr>
<td>F8</td>
<td>15A</td>
<td>Direction indicators and hazard warning light</td>
</tr>
<tr>
<td>F9</td>
<td>25A</td>
<td>Windscreen wiper</td>
</tr>
<tr>
<td>F10</td>
<td>15A</td>
<td>Instrument panel, air bag, pretensioners, alarm, memory seats</td>
</tr>
<tr>
<td>F11</td>
<td>25A</td>
<td>Central locking</td>
</tr>
<tr>
<td>F12</td>
<td>30A</td>
<td>+ve supply after ignition switch</td>
</tr>
<tr>
<td>F13</td>
<td>5A</td>
<td>Variable power steering</td>
</tr>
<tr>
<td>F14</td>
<td>5A</td>
<td>ABS</td>
</tr>
<tr>
<td>F15</td>
<td>5A</td>
<td>Automatic transmission</td>
</tr>
<tr>
<td>F16</td>
<td>15A</td>
<td>RH dipped beam headlight</td>
</tr>
<tr>
<td>F17</td>
<td>15A</td>
<td>LH dipped beam headlight, headlight levelling</td>
</tr>
<tr>
<td>F18</td>
<td>15A</td>
<td>Stop lights, cruise control, flasher unit, bulb failure unit</td>
</tr>
<tr>
<td>F19</td>
<td>20A</td>
<td>Heated seats</td>
</tr>
<tr>
<td>F20</td>
<td>20A</td>
<td>Rear screen wiper, heated front/rear screen, reversing lights, lights on buzzer, heater controls</td>
</tr>
<tr>
<td>F21</td>
<td>15A</td>
<td>Variable shock absorbers</td>
</tr>
<tr>
<td>F24</td>
<td>10A</td>
<td>Clock, display illumination, alarm, memory seats</td>
</tr>
<tr>
<td>F25</td>
<td>10A</td>
<td>Rear fog light</td>
</tr>
<tr>
<td>F26</td>
<td>20A</td>
<td>Radio, heater controls, cigar lighter</td>
</tr>
<tr>
<td>F27</td>
<td>25A</td>
<td>Memory seats</td>
</tr>
<tr>
<td>F28</td>
<td>25A</td>
<td>Front fog lights</td>
</tr>
<tr>
<td>F29</td>
<td>15A</td>
<td>Boot and interior lights</td>
</tr>
<tr>
<td>F30</td>
<td>5A</td>
<td>Injection</td>
</tr>
<tr>
<td>F31</td>
<td>10A</td>
<td>Heated mirrors</td>
</tr>
<tr>
<td>F32</td>
<td>30A</td>
<td>Sunroof</td>
</tr>
<tr>
<td>F33</td>
<td>5A</td>
<td>Radio telephone</td>
</tr>
<tr>
<td>F34</td>
<td>10A</td>
<td>LH side light, lights, bulb failure unit</td>
</tr>
<tr>
<td>F35</td>
<td>40A</td>
<td>Heated rear screen</td>
</tr>
<tr>
<td>F37</td>
<td>40A</td>
<td>Air conditioning</td>
</tr>
<tr>
<td>F38</td>
<td>40A</td>
<td>Driver's electric window</td>
</tr>
<tr>
<td>F39</td>
<td>40A</td>
<td>Passenger's electric window</td>
</tr>
<tr>
<td>F40</td>
<td>40A</td>
<td>Power passenger seat</td>
</tr>
</tbody>
</table>

Typical engine compartment fuse box

<table>
<thead>
<tr>
<th>Fuse</th>
<th>Rating</th>
<th>Circuit protected</th>
</tr>
</thead>
<tbody>
<tr>
<td>F51</td>
<td>60A</td>
<td>Accessory cut-off shunt</td>
</tr>
<tr>
<td>F52</td>
<td>60A</td>
<td>+ battery passenger compartment</td>
</tr>
<tr>
<td>F53</td>
<td>60A</td>
<td>+ ignition switch</td>
</tr>
<tr>
<td>F54</td>
<td>60A</td>
<td>After ignition relay</td>
</tr>
<tr>
<td>F55</td>
<td>40A</td>
<td>RH cooling fan</td>
</tr>
<tr>
<td>F56</td>
<td>40A</td>
<td>LH cooling fan</td>
</tr>
<tr>
<td>F57</td>
<td>30A</td>
<td>ABS</td>
</tr>
<tr>
<td>F58</td>
<td>40A</td>
<td>Headlight washers</td>
</tr>
<tr>
<td>F60</td>
<td>30/70A</td>
<td>Fuel injection (30A), Diesel pre-heating (70A)</td>
</tr>
<tr>
<td>F65</td>
<td>70A</td>
<td>Heated windscreen relay</td>
</tr>
</tbody>
</table>
Wire colours

- BA White
- BE Beige
- BJ Black
- CY Clear
- GR Grey
- SA Pink
- VE Green

Key to items

1 Battery
2 Ignition switch
3 Engine compartment fuse box
4 Passenger compartment fuse box
5 Fuel filter heater
6 Fuel heater temperature switch
7 Preheater unit

Typical Diesel fuel filter heater

Diagram 3

Diagram 6, Arrow D

Preheater warning light

20 Glow plugs
21 Pump unit
22 Altitude relay

Diagram 5

Diagbox 6, Arrow D

Preheater warning light

23 Altitude capsule
24 Coolant temperature sensor
25 Fast idle solenoid valve
26 Clutch pedal switch
27 EGR timer relay
28 EGR temperature switch
29 EGR valve

Typical pre/post heating

(Diesel without EGR)

Typical pre/post heating

(Diesel with EGR)
Wire colours

| BA | White  |
| BE | Blue   |
| BJ | Beige  |
| CY | Clear  |
| GR | Grey   |
| SA | Pink   |
| VE | Green  |

Key to items

1 Battery
2 Ignition switch
3 Engine compartment fuse box
4 Passenger compartment fuse box
19 Preheater unit
20 Glow plugs
21 Pump unit
a = advance/retard valve
d = pump advance solenoid

24 Coolant temperature switch
25 Fast idle solenoid valve
27 EGR relay
29 EGR valve
32 Throttle potentiometer
33 Speed threshold sensor
34 Diagnostic socket
35 Air temperature sensor
36 ABS auxiliary relay

27 EGR warning light
Diagram 8/9, Arrow E
ABS warning light

Typical anti-lock brakes

Diagram 8, Arrow D
Preheater warning light

Diagram 4
Typical pre/post heating (Turbo Diesel)
### Key to items

<table>
<thead>
<tr>
<th>Wire colours</th>
<th>BA</th>
<th>BE</th>
<th>BJ</th>
<th>CY</th>
<th>GR</th>
<th>SA</th>
<th>VE</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>JA</td>
<td>Yellow</td>
<td>Brown</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blue</td>
<td>MA</td>
<td></td>
<td></td>
<td>Orange</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Beige</td>
<td>NO</td>
<td></td>
<td>Black</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grey</td>
<td>RG</td>
<td></td>
<td></td>
<td>Red</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pink</td>
<td>VI</td>
<td></td>
<td></td>
<td>Mauve</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Green</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pink</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clear</td>
<td>CY</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Beige</td>
<td>BE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blue</td>
<td>BA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>White</td>
<td>BA</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Wire colours

- **BA** White
- **BE** Blue
- **BJ** Beige
- **CY** Clear
- **GR** Grey
- **SA** Pink
- **VE** Green

### Diagram 8

#### Wire colours

- **BA** White
- **BE** Blue
- **BJ** Beige
- **CY** Clear
- **GR** Grey
- **SA** Pink
- **VE** Green

#### Key to items

- **BA** = White
- **BE** = Blue
- **BJ** = Beige
- **CY** = Clear
- **GR** = Grey
- **SA** = Pink
- **VE** = Green

#### Typical instrument cluster

- (models without tachometer)
- (models with tachometer)

#### Diagrams

- Diagram 2/5/6/7, Arrow C
- Diagram 3/4, Arrow D
- Diagram 5, Arrow H
- Diagram 5, Arrow F
- Diagram 6/7, Arrow L
- Diagram 13, Arrow O
- Diagram 15, Arrow P
- Diagram 13, Arrow S
- Diagram 13, Arrow R
- Diagram 13, Arrow N
- Diagram 12, Arrow T
- Diagram 12, Arrow U
- Diagram 13, Arrow N
- Diagram 13, Arrow R
- Diagram 13, Arrow S
- Diagram 13, Arrow F

#### Diagram 8

- Engine management
- Diesel preheater
- ABS
- RH indicator
- LH indicator
- Interior lighting
- Alternator
- Auto. trans.
- RH indicator
- LH indicator
- Engine management
- Diesel preheater
- ABS
- RH indicator
- LH indicator
- Interior lighting
- Alternator
- Auto. trans.
- RH indicator
- LH indicator
- Engine management
typical stop and reversing lights

wire colours

BA White  JA Yellow  1 Battery
BE Blue    MA Brown   2 Ignition switch
BJ Beige  NO Black   3 Engine compartment fuse box
CY Clear  OR Orange  4 Passenger compartment fuse box
GR Grey    RG Red     43 Stop light switch
SA Pink    VI Mauve   101 Combined lighting/horn switch
VE Green

key to items

111 Ignition relay 1
125 LH rear light cluster
126 RH rear light cluster
130 LH reversing light
131 RH reversing light
b = stop light
c = direction indicator

132 Front foglight relay
133 Reversing light switch
134 Rear foglight
135 LH front foglight

136 RH front foglight
137 LH front direction indicator
138 LH direction indicator side repeater
139 RH direction indicator
140 RH direction indicator side repeater
141 Hazard warning light
142 Direction indicator flasher unit

Typical front/rear foglights

Diagram 5

Diagram 8

Diagram 13

Typical direction indicator and hazard warning lights

Diagram 8/5

Diagram 8/6

Diagram 8/9
**Diagram 15**

**Key to items**
1. Battery
2. Ignition switch
3. Engine compartment fuse box
4. Passenger compartment fuse box
101. Combined lighting/horn switch
152. Interior lighting/central locking control unit
161. Infrared sensor
165. Lighting rheostat relay
166. Interior lighting rheostat
167. Audio unit
168. Satellite control unit
169. LH front speaker
170. RH front speaker
171. LH rear speaker
172. RH rear speaker
173. LH tweeter
174. RH tweeter
175. Central locking control switch
176. Driver’s central locking motor
177. Passenger’s central locking motor
178. LH rear central locking motor
179. RH rear central locking motor
180. Tailgate lock motor

**Wire colours**
- **BA** White
- **BE** Blue
- **BJ** Beige
- **CY** Clear
- **GR** Grey
- **SA** Pink
- **VE** Green
- **JA** Yellow
- **MA** Brown
- **NO** Black
- **OR** Orange
- **RG** Red
- **VI** Mauve

**Diagram 15, Arrow V**

**Typical audio system**

**Diagram 12, Arrow i**

**Typical central locking**

**Diagram 15, Arrow V**

**Typical rheostat controlled lighting**

**Typical audio system**

**Typical central locking**

**Diagram 15**
### Wire colours

- **BA** White
- **BE** Blue
- **BJ** Beige
- **CY** Clear
- **GR** Grey
- **SA** Pink
- **VE** Green

- **JA** Yellow
- **MA** Brown
- **NO** Black
- **OR** Orange
- **RG** Red
- **VI** Mauve

### Key to items

- **1** Battery
- **2** Engine compartment fuse box
- **3** Passenger compartment fuse box
- **185** Electric mirror switch
- **186** Driver's electric mirror
- **187** Passenger's electric mirror
- **188** Driver's window motor
- **189** Driver's switch for passenger window
- **190** Passenger's electric window switch
- **191** 'One touch' control unit
- **192** Driver's window motor
- **193** Passenger's window motor

### Diagram 16

#### Typical electric mirrors

Diagram 11, Arrow A1

- Heated rear window

Diagram 11, Arrow Z

- Heated rear window

#### Typical electric windows

Diagram 13, Arrow i

- Interior illumination

Diagram 12, Arrow i

- Interior illumination