

# WIRING DIAGRAM

## Key to wiring diagram

- |                                                                   |                                                               |
|-------------------------------------------------------------------|---------------------------------------------------------------|
| <b>1</b> Driving beam 55W (H3 halogen)                            | <b>30</b> 5-way AMP connector                                 |
| <b>2</b> Tail light 5W                                            | <b>31</b> R.H. Device (Ignition - Run)                        |
| <b>3</b> Dipped beam 55W(H1 halogen)                              | <b>32</b> Front brake stop switch                             |
| <b>4</b> Front R.H. direction indicator, 10W                      | <b>33</b> 4-way AMP connector                                 |
| <b>5</b> Front L.H. direction indicator, 10W                      | <b>34</b> Key ignition switch                                 |
| <b>6</b> Dashboard                                                | <b>35</b> IAW 15M electronic unit                             |
| <b>7</b> 1-way AMP connector (RPM sensor, dashboard side)         | <b>36</b> Air temperature sensor (NTC ATS05)                  |
| <b>8</b> PAKARD 10-way connector (dashboard)                      | <b>37</b> Three-way diagnosis AMP connector                   |
| <b>9</b> Oil pressure switch                                      | <b>38</b> Warning light LED                                   |
| <b>10</b> Neutral position switch                                 | <b>39</b> Cylinder ignition coil AT, LH (BAE850AK)            |
| <b>11</b> Fuel level switch                                       | <b>40</b> Cylinder ignition coil AT, RH (BAE850AK)            |
| <b>12</b> Horns                                                   | <b>41</b> Power relay for injection (MINIRELAY SIEMENS)       |
| <b>13</b> Horn relays (MINIRELAY SIEMENS)                         | <b>42</b> Safety diode                                        |
| <b>14</b> PAKARD 10-way connector (L.H. device)                   | <b>43</b> ECU electronic unit relay (MINIRELAY SIEMENS)       |
| <b>15</b> L.H. control device: lights, direction indicators, horn | <b>44</b> Fuel pump                                           |
| <b>16</b> Intermittence                                           | <b>45</b> L.H. injector (IW031)                               |
| <b>17</b> Alternator 12 V330 W                                    | <b>46</b> R.H. injector (IW031)                               |
| <b>18</b> Voltage regulator                                       | <b>47</b> Phase sensor (SEN813)                               |
| <b>19</b> Start relay (MINIRELAY SIEMENS)                         | <b>48</b> Motor oil temperature sensor (NTC WTS05)            |
| <b>20</b> Starter                                                 | <b>49</b> Throttle potentiometer (PF10)                       |
| <b>21</b> Battery 12V 13Ah                                        | <b>50</b> Max. pressure sensor inside the electronic unit ECU |
| <b>22</b> Rear brake stop switch                                  | <b>51</b> 1-way AMP connector (key closed supply)             |
| <b>23</b> L.H. rear direction indicator 10W                       | <b>52</b> 1-way AMP connector (RPM sensor, injection side)    |
| <b>24</b> Rear stop light 21W                                     |                                                               |
| <b>25</b> Rear tail light 5W                                      |                                                               |
| <b>26</b> R.H. rear direction indicator 10W                       |                                                               |
| <b>27</b> Fuse box (see table)                                    |                                                               |
| <b>28</b> Solenoid valves (electric taps)                         |                                                               |
| <b>29</b> Light relays (MINIRELAY SIEMENS)                        |                                                               |

## Fuse

- F1** Pump, coils, injectors 15A
- F2** ECU electronic unit 15A
- F3** Electric taps 15A
- F4** Driving, dipping beam, horn, start, stop light 15A
- F5** Tail lights 15A
- F6** Direction indicators 15A

|                |   |                  |
|----------------|---|------------------|
| Arancio        | = | Orange           |
| Azzurro        | = | Light blue       |
| Bianco         | = | White            |
| Giallo         | = | Yellow           |
| Grigio         | = | Grey             |
| Marrone        | = | Brown            |
| Nero           | = | Black            |
| Rosa           | = | Pink             |
| Rosso          | = | Red              |
| Verde          | = | Green            |
| Viola          | = | Violet           |
| Bianco-Azzurro | = | White-Light blue |
| Bianco-Giallo  | = | White-Yellow     |
| Bianco-Marrone | = | White-Brown      |
| Bianco-Nero    | = | White-Black      |
| Blu-Nero       | = | Blue-Black       |
| Giallo-Nero    | = | Yellow-Black     |
| Nero-Grigio    | = | Black-Grey       |
| Rosso-Bianco   | = | Red-White        |
| Rosso-Blu      | = | Red-Blue         |
| Rosso-Giallo   | = | Red-Yellow       |
| Rosso-Nero     | = | Red-Black        |
| Rosso-Verde    | = | Red-Green        |
| Verde-Grigio   | = | Green-Grey       |
| Verde-Nero     | = | Green-Black      |
| Rosa-Nero      | = | Pink-Black       |
| Marrone-Nero   | = | Brown-Black      |
| Bianco-Blu     | = | White-Blue       |
| Bianco-Verde   | = | White-Green      |

