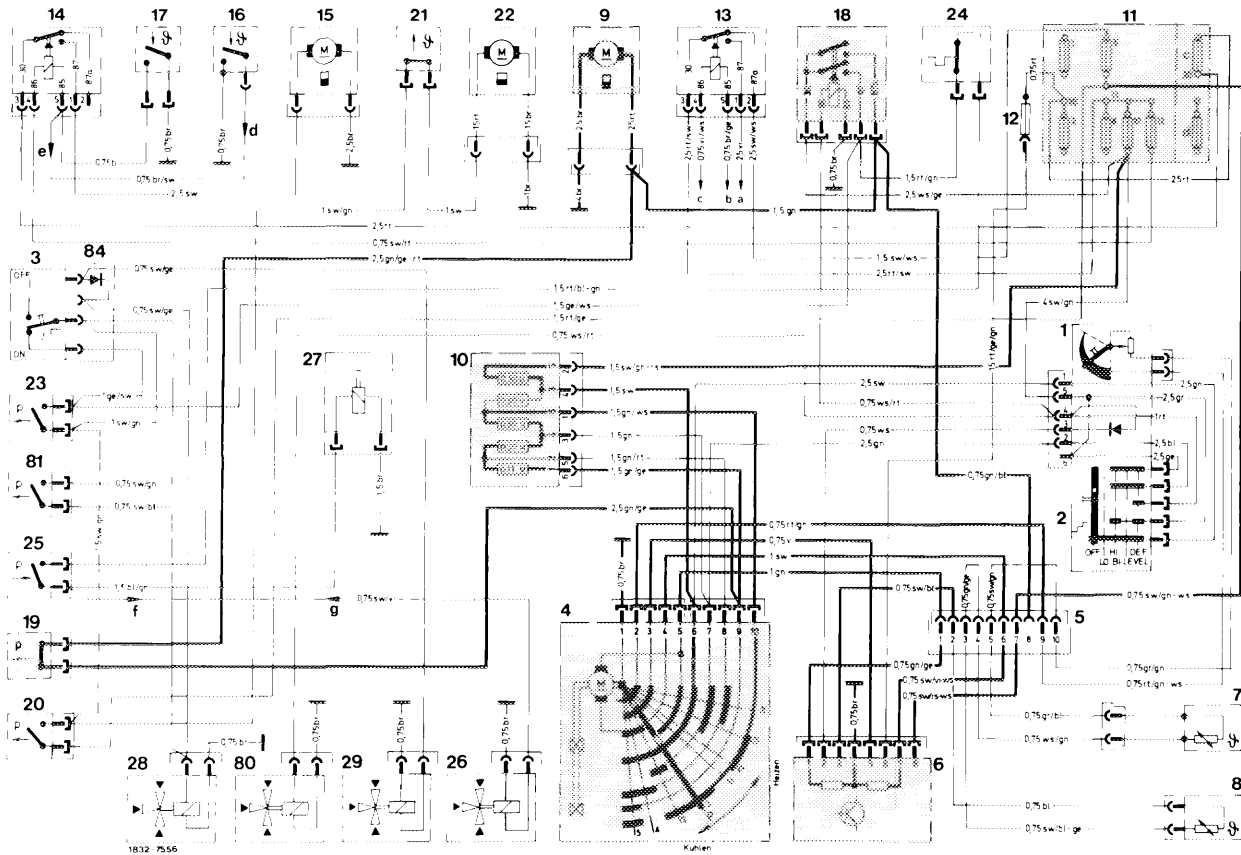


Wiring diagram 1a  
Refrigerant compressor control

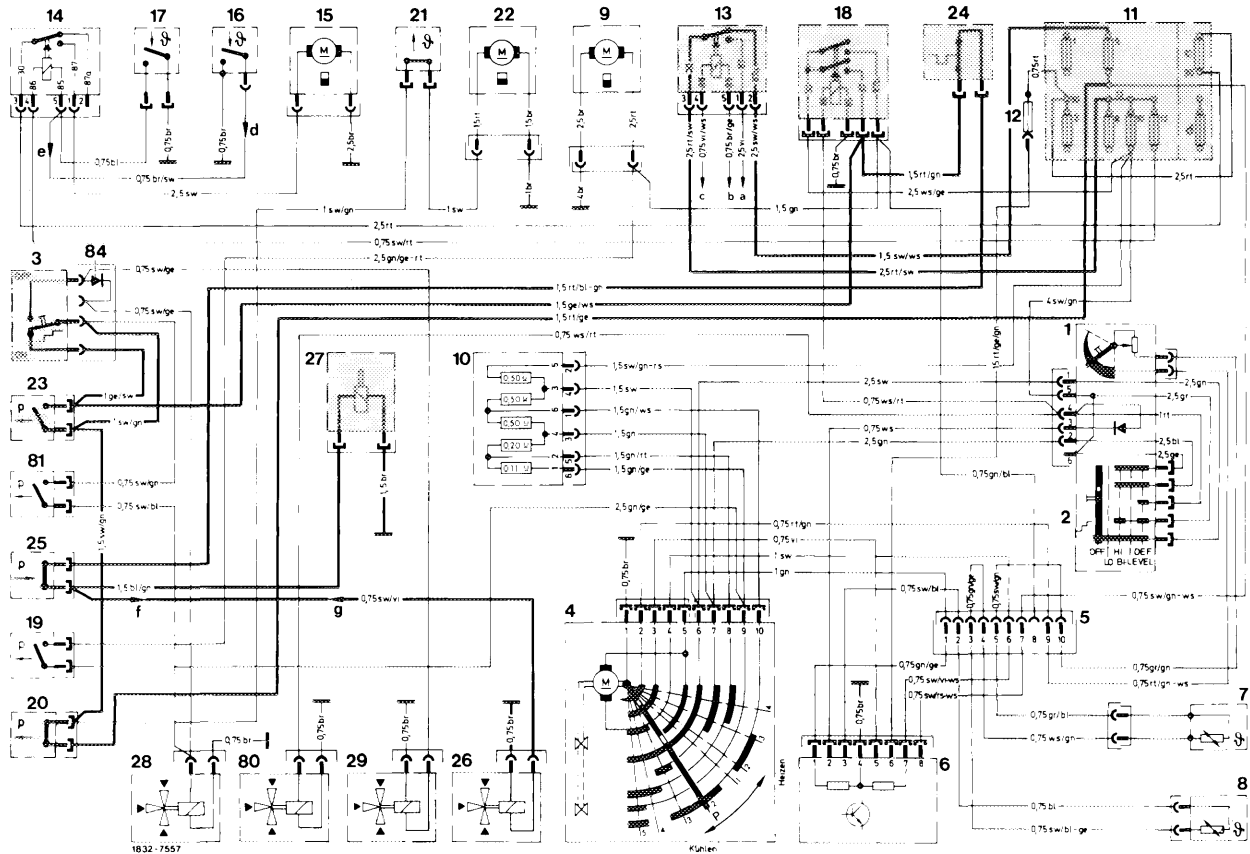
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| <ul style="list-style-type: none"> <li>1 Temperature dial</li> <li>2 Pushbutton switch</li> <li>3 "ON/OFF" switch refrigerant compressor</li> <li>4 Regulating valve</li> <li>5 10-point plug connection for tester</li> <li>6 Amplifier</li> <li>7 In-car temperature sensor</li> <li>8 Ambient temperature sensor</li> <li>9 Blower</li> <li>10 Pre-resistance for blower</li> <li>11 Main fuse box<br/>Fuse 5 : 8 amps (standard fuse 86)<br/>Fuse 10 : 16 amps<br/>Fuse 12 : 8 amps<br/>Fuse c : 16 amps</li> <li>12 Additional fuse for amplifier (2 amps)</li> <li>13 Relay air conditioning system</li> <li>14 Relay auxiliary fan</li> <li>15 Auxiliary fan</li> <li>16 Temperature switch 100 °C (212 °F)<br/>in thermostat housing for auxiliary fan</li> <li>17 Temperature switch 62 °C (142 °F)<br/>in receiver dehydrator for auxiliary fan</li> <li>18 Double contact relay</li> <li>19 Vacuum switch<br/>(main switch, closes with vacuum higher than<br/>175 mbar or 0.18 atu)</li> </ul> | <ul style="list-style-type: none"> <li>20 Vacuum switch (refrigerant compressor, closes with<br/>vacuum higher than 78.5 mbar or 0.08 atu)</li> <li>21 Temperature switch for heating water pump (22)<br/>16 °C (61 °F) ON, 26 °C (79 °F) OFF</li> <li>22 Heating water pump</li> <li>23 Vacuum switch (for refrigerant compressor, closes<br/>with vacuum higher than 78.5 mbar or 0.08 atu,<br/>at "BI-LEVEL" only)</li> <li>24 ETR-switch 2 °C (36 °F)</li> <li>25 Pressure switch refrigerant compressor<br/>ON 2.6 bar gauge pressure (2.6 atu)<br/>OFF 2.0 bar gauge pressure (2.0 atu)</li> <li>26 Switchover valve for constant speed (engine 110.984 only)</li> <li>27 Electromagnetic clutch for refrigerant compressor</li> <li>28 Switchover valve for vacuum element of legroom flaps</li> <li>29 Switchover valve for vacuum element of fresh<br/>air-recirculated air flap</li> <li>80 Switchover valve "BI-LEVEL" (at "DEF")</li> <li>81 Vacuum switch (closes with vacuum higher than<br/>78.5 mbar or 0.08 atu, at "BI-LEVEL" only)</li> <li>84 Diode<br/>a Cable connector starter terminal 50<br/>b Starter lockout and back-up lamp switch<br/>c Ignition starter switch terminal 50<br/>d Via relay ignition switchover terminal 85 } engine<br/>e Via relay decoupling terminal 30 } 110.984 only<br/>f Via relay ignition switchover terminal 87a } (countries with<br/>g Via relay ignition switchover terminal 30 } emission control)</li> </ul> |
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**Wiring diagram 2**

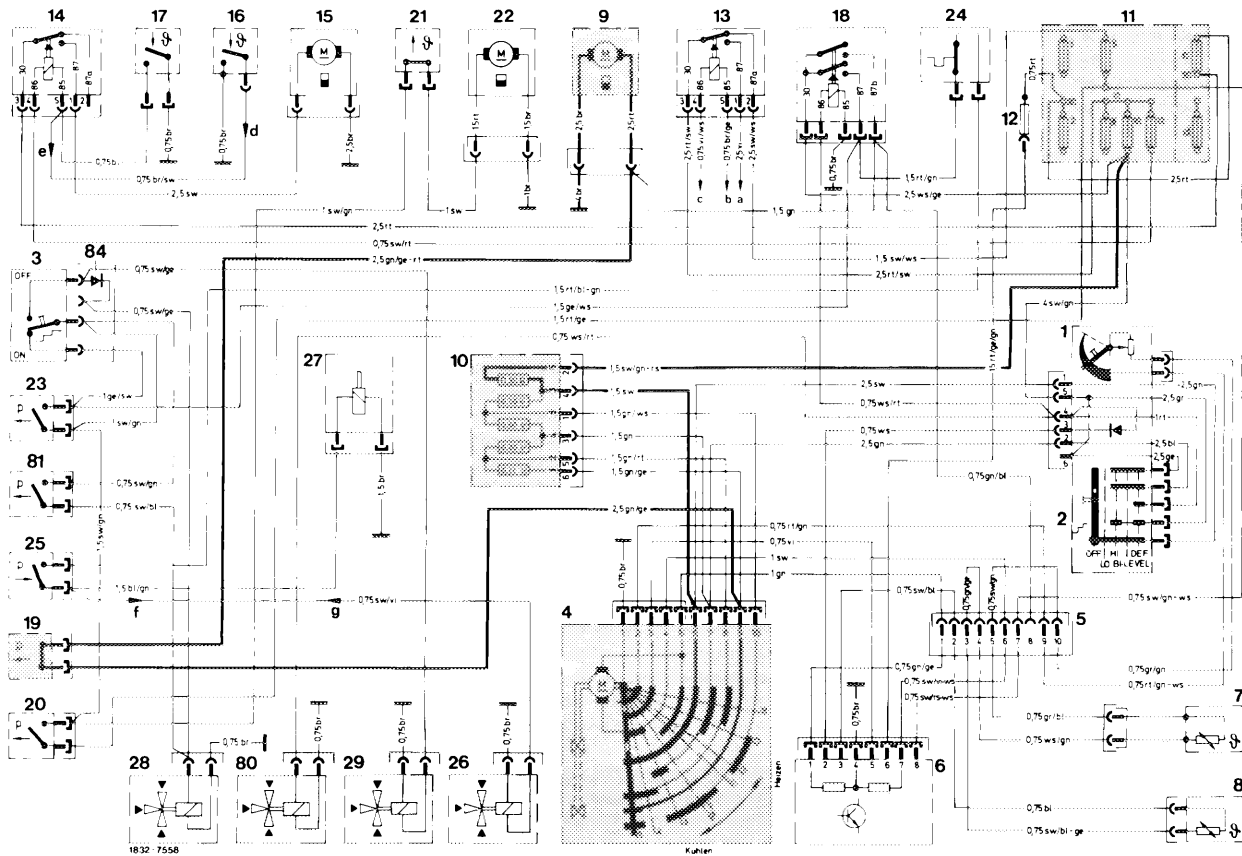
Blower control, position "park" and "AUTO-LO" (regulating valve in position "P 2")

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| <ul style="list-style-type: none"> <li>1 Temperature dial</li> <li>2 Pushbutton switch</li> <li>3 "ON/OFF" switch refrigerant compressor</li> <li>4 Regulating valve</li> <li>5 10-point plug connection for tester</li> <li>6 Amplifier</li> <li>7 In-car temperature sensor</li> <li>8 Ambient temperature sensor</li> <li>9 Blower</li> <li>10 Pre-resistance for blower</li> <li>11 Main fuse box             <ul style="list-style-type: none"> <li>Fuse 5 : 8 amps (standard fuse 86)</li> <li>Fuse 10 : 16 amps</li> <li>Fuse 12 : 8 amps</li> <li>Fuse c : 16 amps</li> </ul> </li> <li>12 Additional fuse for amplifier (2 amps)</li> <li>13 Relay air conditioning system</li> <li>14 Relay auxiliary fan</li> <li>15 Auxiliary fan</li> <li>16 Temperature switch 100 °C (212 °F) in thermostat housing for auxiliary fan</li> <li>17 Temperature switch 62 °C (142 °F) in receiver dehydrator for auxiliary fan</li> <li>18 Double contact relay</li> <li>19 Vacuum switch (main switch, closes with vacuum higher than 175 mbar or 0.18 atu)</li> </ul> | <ul style="list-style-type: none"> <li>20 Vacuum switch (refrigerant compressor, closes with vacuum higher than 78.5 mbar or 0.08 atu)</li> <li>21 Temperature switch for heating water pump (22) 16 °C (61 °F) ON, 26 °C (79 °F) OFF</li> <li>22 Heating water pump</li> <li>23 Vacuum switch (for refrigerant compressor, closes with vacuum higher than 78.5 mbar or 0.08 atu, at "BI-LEVEL" only)</li> <li>24 ETR-switch 2 °C (36 °F)</li> <li>25 Pressure switch refrigerant compressor ON 2.6 bar gauge pressure (2.6 atu) OFF 2.0 bar gauge pressure (2.0 atu)</li> <li>26 Switchover valve for constant speed (engine 110.984 only)</li> <li>27 Electromagnetic clutch for refrigerant compressor</li> <li>28 Switchover valve for vacuum element of legroom flaps</li> <li>29 Switchover valve for vacuum element of fresh air-recirculated air flap</li> <li>80 Switchover valve "BI-LEVEL" (at "DEF")</li> <li>81 Vacuum switch (closes with vacuum higher than 78.5 mbar or 0.08 atu, at "BI-LEVEL" only)</li> <li>84 Diode             <ul style="list-style-type: none"> <li>a Cable connector starter terminal 50</li> <li>b Starter lockout and back-up lamp switch</li> <li>c Ignition starter switch terminal 50</li> <li>d Via relay ignition switchover terminal 85</li> <li>e Via relay decoupling terminal 30</li> <li>f Via relay ignition switchover terminal 87a</li> <li>g Via relay ignition switchover terminal 30</li> </ul> </li> </ul> |
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Wiring diagram 2  
Refrigerant compressor control

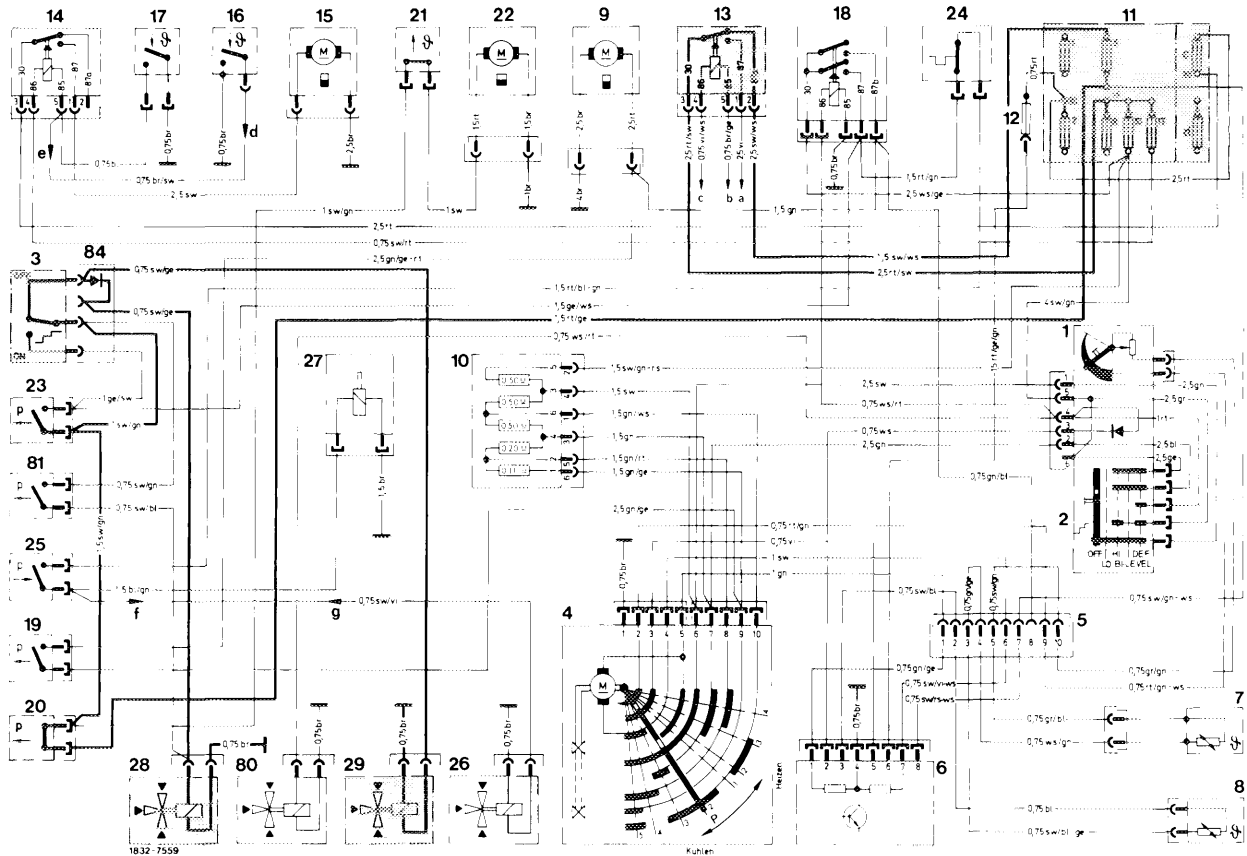
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| <ul style="list-style-type: none"> <li>1 Temperature dial</li> <li>2 Pushbutton switch</li> <li>3 "ON/OFF" switch refrigerant compressor</li> <li>4 Regulating valve</li> <li>5 10-point plug connection for tester</li> <li>6 Amplifier</li> <li>7 In-car temperature sensor</li> <li>8 Ambient temperature sensor</li> <li>9 Blower</li> <li>10 Pre-resistance for blower</li> <li>11 Main fuse box<br/>Fuse 5 : 8 amps (standard fuse 86)<br/>Fuse 10 : 16 amps<br/>Fuse 12 : 8 amps<br/>Fuse c : 16 amps</li> <li>12 Additional fuse for amplifier (2 amps)</li> <li>13 Relay air conditioning system</li> <li>14 Relay auxiliary fan</li> <li>15 Auxiliary fan</li> <li>16 Temperature switch 100 °C (212 °F)<br/>in thermostat housing for auxiliary fan</li> <li>17 Temperature switch 62 °C (142 °F)<br/>in receiver dehydrator for auxiliary fan</li> <li>18 Double contact relay</li> <li>19 Vacuum switch<br/>(main switch, closes with vacuum higher than<br/>175 mbar or 0.18 atu)</li> </ul> | <ul style="list-style-type: none"> <li>20 Vacuum switch (refrigerant compressor, closes with<br/>vacuum higher than 78.5 mbar or 0.08 atu)</li> <li>21 Temperature switch for heating water pump (22)<br/>16 °C (61 °F) ON, 26 °C (79 °F) OFF</li> <li>22 Heating water pump</li> <li>23 Vacuum switch (for refrigerant compressor, closes<br/>with vacuum higher than 78.5 mbar or 0.08 atu,<br/>at "BI-LEVEL" only)</li> <li>24 ETR-switch 2 °C (36 °F)</li> <li>25 Pressure switch refrigerant compressor<br/>ON 2.6 bar gauge pressure (2.6 atu)<br/>OFF 2.0 bar gauge pressure (2.0 atu)</li> <li>26 Switchover valve for constant speed (engine 110.984 only)</li> <li>27 Electromagnetic clutch for refrigerant compressor</li> <li>28 Switchover valve for vacuum element of legroom flaps</li> <li>29 Switchover valve for vacuum element of fresh<br/>air-recirculated air flap</li> <li>80 Switchover valve "BI-LEVEL" (at "DEF")</li> <li>81 Vacuum switch (closes with vacuum higher than<br/>78.5 mbar or 0.08 atu, at "BI-LEVEL" only)</li> <li>84 Diode</li> </ul> |
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| <ul style="list-style-type: none"> <li>a Cable connector starter terminal 50</li> <li>b Starter lockout and back-up lamp switch</li> <li>c Ignition starter switch terminal 50</li> <li>d Via relay ignition switchover terminal 85 } engine</li> <li>e Via relay decoupling terminal 30 } 110.984 only</li> <li>f Via relay ignition switchover terminal 87a } (countries with</li> <li>g Via relay ignition switchover terminal 30 } emission control)</li> </ul> |
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Wiring diagram 3

Blower control, stage 5 "LO" (regulating valve in position 5)

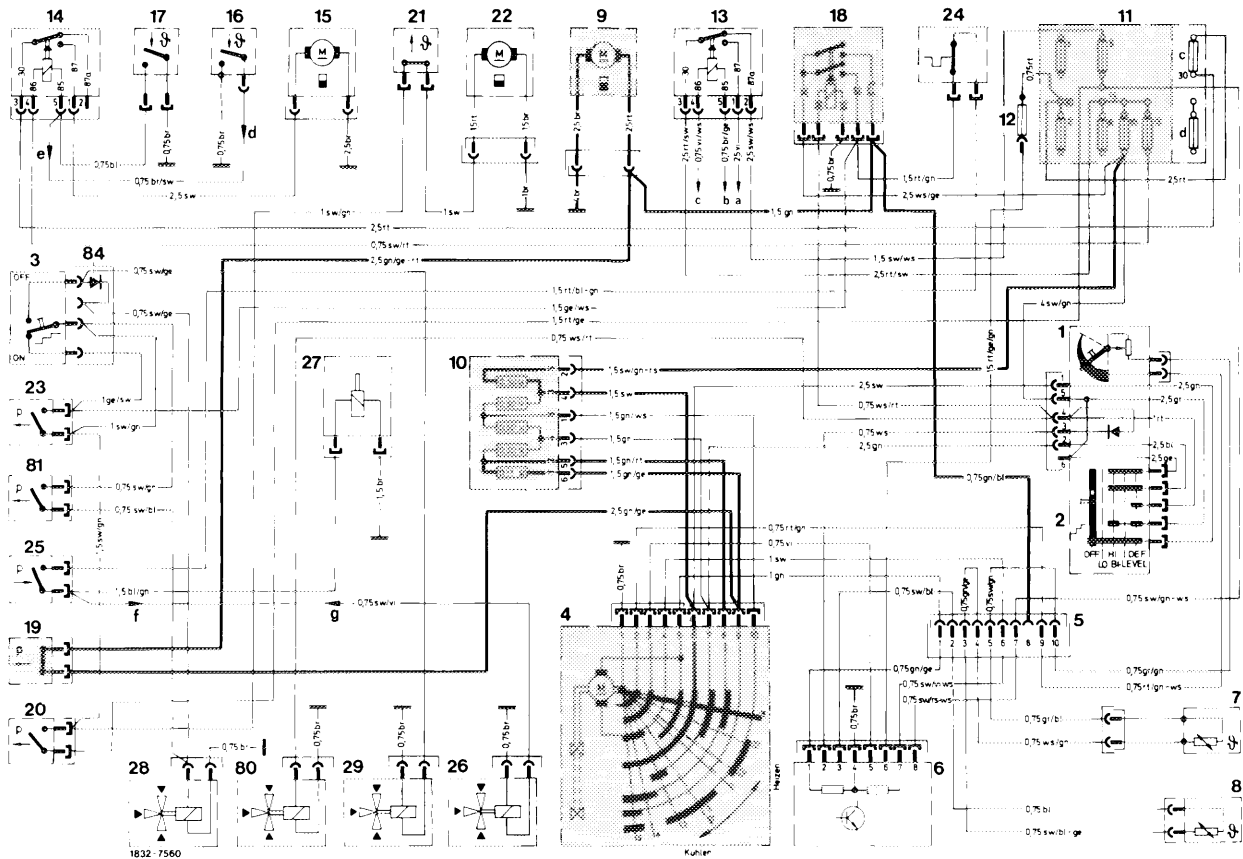
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| <p>1 Temperature dial<br/> 2 Pushbutton switch<br/> 3 "ON/OFF" switch refrigerant compressor<br/> 4 Regulating valve<br/> 5 10-point plug connection for tester<br/> 6 Amplifier<br/> 7 In-car temperature sensor<br/> 8 Ambient temperature sensor<br/> 9 Blower<br/> 10 Pre-resistance for blower<br/> 11 Main fuse box<br/> Fuse 5 : 8 amps (standard fuse 86)<br/> Fuse 10 : 16 amps<br/> Fuse 12 : 8 amps<br/> Fuse c : 16 amps<br/> 12 Additional fuse for amplifier (2 amps)<br/> 13 Relay air conditioning system<br/> 14 Relay auxiliary fan<br/> 15 Auxiliary fan<br/> 16 Temperature switch 100 °C (212 °F)<br/> in thermostat housing for auxiliary fan<br/> 17 Temperature switch 62 °C (142 °F)<br/> in receiver dehydrator for auxiliary fan<br/> 18 Double contact relay<br/> 19 Vacuum switch<br/> (main switch, closes with vacuum higher than<br/> 175 mbar or 0.18 atu)</p> | <p>20 Vacuum switch (refrigerant compressor, closes with<br/> vacuum higher than 78.5 mbar or 0.08 atu)<br/> 21 Temperature switch for heating water pump (22)<br/> 16 °C (61 °F) ON, 26 °C (79 °F) OFF<br/> 22 Heating water pump<br/> 23 Vacuum switch (for refrigerant compressor, closes<br/> with vacuum higher than 78.5 mbar or 0.08 atu,<br/> at "BI-LEVEL" only)<br/> 24 ETR-switch 2 °C (36 °F)<br/> 25 Pressure switch refrigerant compressor<br/> ON 2.6 bar gauge pressure (2.6 atu)<br/> OFF 2.0 bar gauge pressure (2.0 atu)<br/> 26 Switchover valve for constant speed (engine 110.984 only)<br/> 27 Electromagnetic clutch for refrigerant compressor<br/> 28 Switchover valve for vacuum element of legroom flaps<br/> 29 Switchover valve for vacuum element of fresh<br/> air-recirculated air flap<br/> 80 Switchover valve "BI-LEVEL" (at "DEF")<br/> 81 Vacuum switch (closes with vacuum higher than<br/> 78.5 mbar or 0.08 atu, at "BI-LEVEL" only)<br/> 84 Diode<br/> a Cable connector starter terminal 50<br/> b Starter lockout and back-up lamp switch<br/> c Ignition starter switch terminal 50<br/> d Via relay ignition switchover terminal 85 } engine<br/> e Via relay decoupling terminal 30 } 110.984 only<br/> f Via relay ignition switchover terminal 87a } (countries with<br/> g Via relay ignition switchover terminal 30 } emission control)</p> |
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Wiring diagram 4

Control for switchover valves 28 and 29 (switch 3 for refrigerant compressor at "OFF")

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| <ul style="list-style-type: none"> <li>1 Temperature dial</li> <li>2 Pushbutton switch</li> <li>3 "ON/OFF" switch refrigerant compressor</li> <li>4 Regulating valve</li> <li>5 10-point plug connection for tester</li> <li>6 Amplifier</li> <li>7 In-car temperature sensor</li> <li>8 Ambient temperature sensor</li> <li>9 Blower</li> <li>10 Pre-resistance for blower</li> <li>11 Main fuse box<br/>Fuse 5 : 8 amps (standard fuse 86)<br/>Fuse 10 : 16 amps<br/>Fuse 12 : 8 amps<br/>Fuse c : 16 amps</li> <li>12 Additional fuse for amplifier (2 amps)</li> <li>13 Relay air conditioning system</li> <li>14 Relay auxiliary fan</li> <li>15 Auxiliary fan</li> <li>16 Temperature switch 100 °C (212 °F)<br/>in thermostat housing for auxiliary fan</li> <li>17 Temperature switch 62 °C (142 °F)<br/>in receiver dehydrator for auxiliary fan</li> <li>18 Double contact relay</li> <li>19 Vacuum switch<br/>(main switch, closes with vacuum higher than 175 mbar or 0.18 atu)</li> </ul> | <ul style="list-style-type: none"> <li>20 Vacuum switch (refrigerant compressor, closes with vacuum higher than 78.5 mbar or 0.08 atu)</li> <li>21 Temperature switch for heating water pump (22)<br/>16 °C (61 °F) ON, 26 °C (79 °F) OFF</li> <li>22 Heating water pump</li> <li>23 Vacuum switch (for refrigerant compressor, closes with vacuum higher than 78.5 mbar or 0.08 atu, at "BI-LEVEL" only)</li> <li>24 ETR-switch 2 °C (36 °F)</li> <li>25 Pressure switch refrigerant compressor<br/>ON 2.6 bar gauge pressure (2.6 atu)<br/>OFF 2.0 bar gauge pressure (2.0 atu)</li> <li>26 Switchover valve for constant speed (engine 110.984 only)</li> <li>27 Electromagnetic clutch for refrigerant compressor</li> <li>28 Switchover valve for vacuum element of legroom flaps</li> <li>29 Switchover valve for vacuum element of fresh air-recirculated air flap</li> <li>80 Switchover valve "BI-LEVEL" (at "DEF")</li> <li>81 Vacuum switch (closes with vacuum higher than 78.5 mbar or 0.08 atu, at "BI-LEVEL" only)</li> <li>84 Diode<br/>a Cable connector starter terminal 50<br/>b Starter lockout and back-up lamp switch<br/>c Ignition starter switch terminal 50<br/>d Via relay ignition switchover terminal 85 } engine<br/>e Via relay decoupling terminal 30 } 110.984 only<br/>f Via relay ignition switchover terminal 87a } (countries with<br/>g Via relay ignition switchover terminal 30 } emission control)</li> </ul> |
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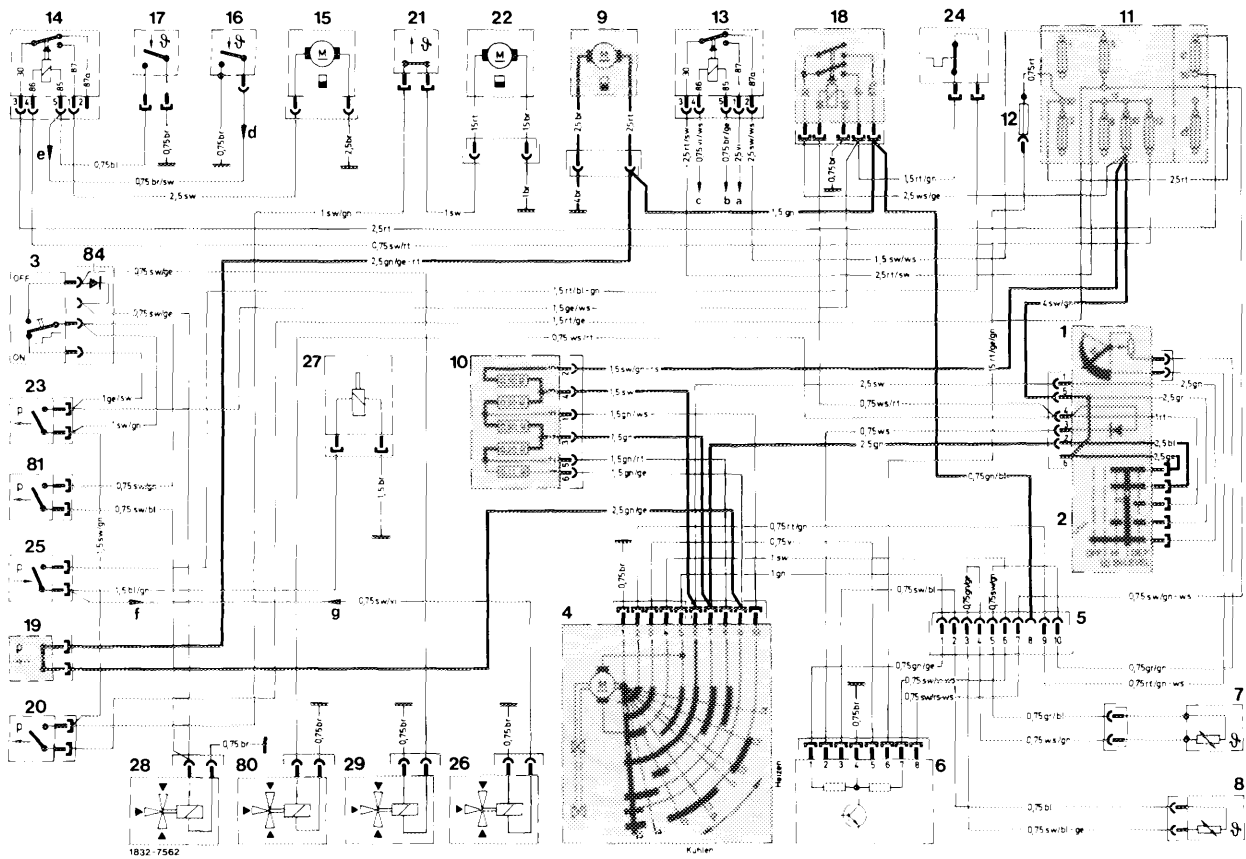


Wiring diagram 5  
Blower control, stage 4 "LO" (regulating valve in position 4)

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| <ul style="list-style-type: none"> <li>1 Temperature dial</li> <li>2 Pushbutton switch</li> <li>3 "ON/OFF" switch refrigerant compressor</li> <li>4 Regulating valve</li> <li>5 10-point plug connection for tester</li> <li>6 Amplifier</li> <li>7 In-car temperature sensor</li> <li>8 Ambient temperature sensor</li> <li>9 Blower</li> <li>10 Pre-resistance for blower</li> <li>11 Main fuse box<br/>Fuse 5 : 8 amps (standard fuse 86)<br/>Fuse 10 : 16 amps<br/>Fuse 12 : 8 amps<br/>Fuse c : 16 amps</li> <li>12 Additional fuse for amplifier (2 amps)</li> <li>13 Relay air conditioning system</li> <li>14 Relay auxiliary fan</li> <li>15 Auxiliary fan</li> <li>16 Temperature switch 100 °C (212 °F)<br/>in thermostat housing for auxiliary fan</li> <li>17 Temperature switch 62 °C (142 °F)<br/>in receiver dehydrator for auxiliary fan</li> <li>18 Double contact relay</li> <li>19 Vacuum switch<br/>(main switch, closes with vacuum higher than<br/>175 mbar or 0.18 atu)</li> </ul> | <ul style="list-style-type: none"> <li>20 Vacuum switch (refrigerant compressor, closes with<br/>vacuum higher than 78.5 mbar or 0.08 atu)</li> <li>21 Temperature switch for heating water pump (22)<br/>16 °C (61 °F) ON, 26 °C (79 °F) OFF</li> <li>22 Heating water pump</li> <li>23 Vacuum switch (for refrigerant compressor, closes<br/>with vacuum higher than 78.5 mbar or 0.08 atu,<br/>at "BI-LEVEL" only)</li> <li>24 ETR-switch 2 °C (36 °F)</li> <li>25 Pressure switch refrigerant compressor<br/>ON 2.6 bar gauge pressure (2.6 atu)<br/>OFF 2.0 bar gauge pressure (2.0 atu)</li> <li>26 Switchover valve for constant speed (engine 110.984 only)</li> <li>27 Electromagnetic clutch for refrigerant compressor</li> <li>28 Switchover valve for vacuum element of legroom flaps</li> <li>29 Switchover valve for vacuum element of fresh<br/>air-recirculated air flap</li> <li>80 Switchover valve "BI-LEVEL" (at "DEF")</li> <li>81 Vacuum switch (closes with vacuum higher than<br/>78.5 mbar or 0.08 atu, at "BI-LEVEL" only)</li> <li>84 Diode</li> </ul> |
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| <ul style="list-style-type: none"> <li>a Cable connector starter terminal 50</li> <li>b Starter lockout and back-up lamp switch</li> <li>c Ignition starter switch terminal 50</li> <li>d Via relay ignition switchover terminal 85</li> <li>e Via relay decoupling terminal 30</li> <li>f Via relay ignition switchover terminal 87a</li> <li>g Via relay ignition switchover terminal 30</li> </ul> | <ul style="list-style-type: none"> <li>engine</li> <li>110.984 only</li> <li>(countries with</li> <li>emission control)</li> </ul> |
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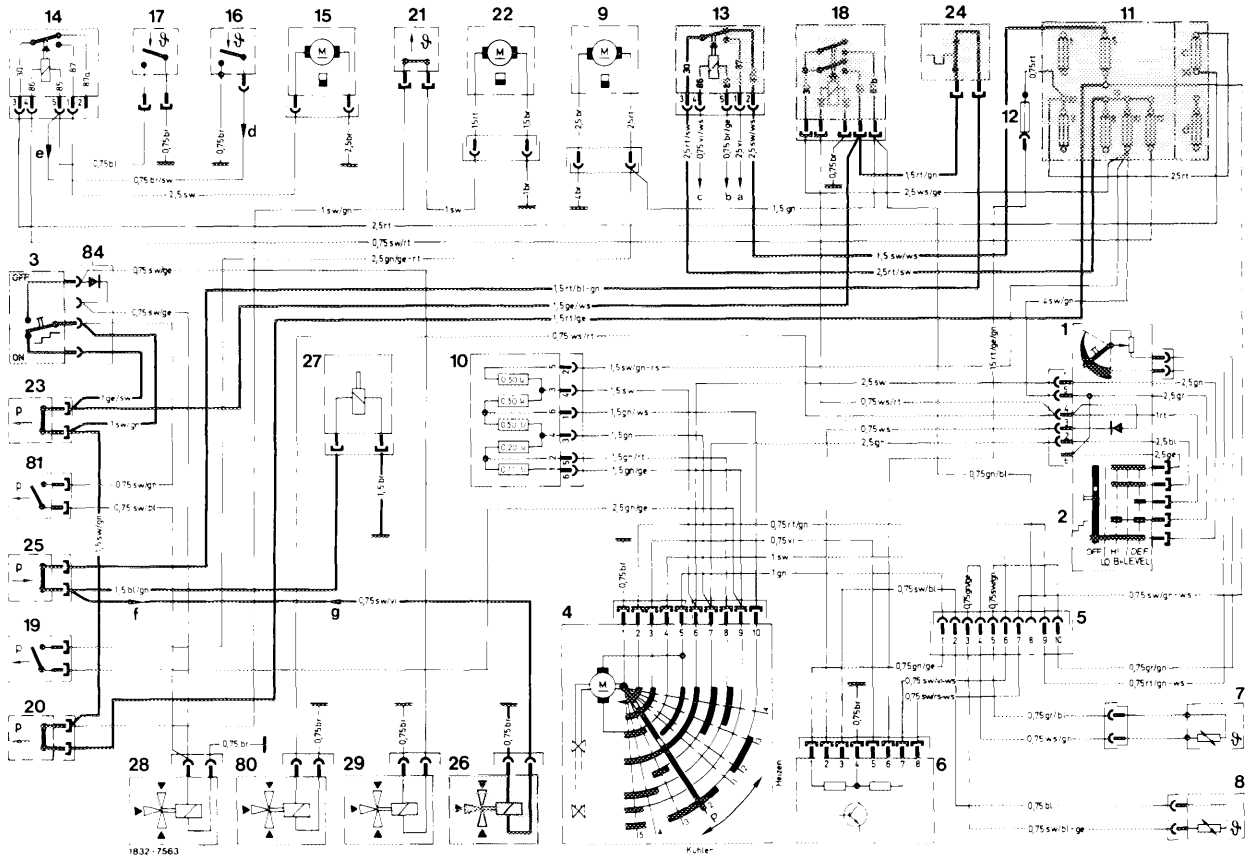




Wiring diagram 7

Blower control, stage 2 "BI-LEVEL" (AC), (regulating valve in position 5)

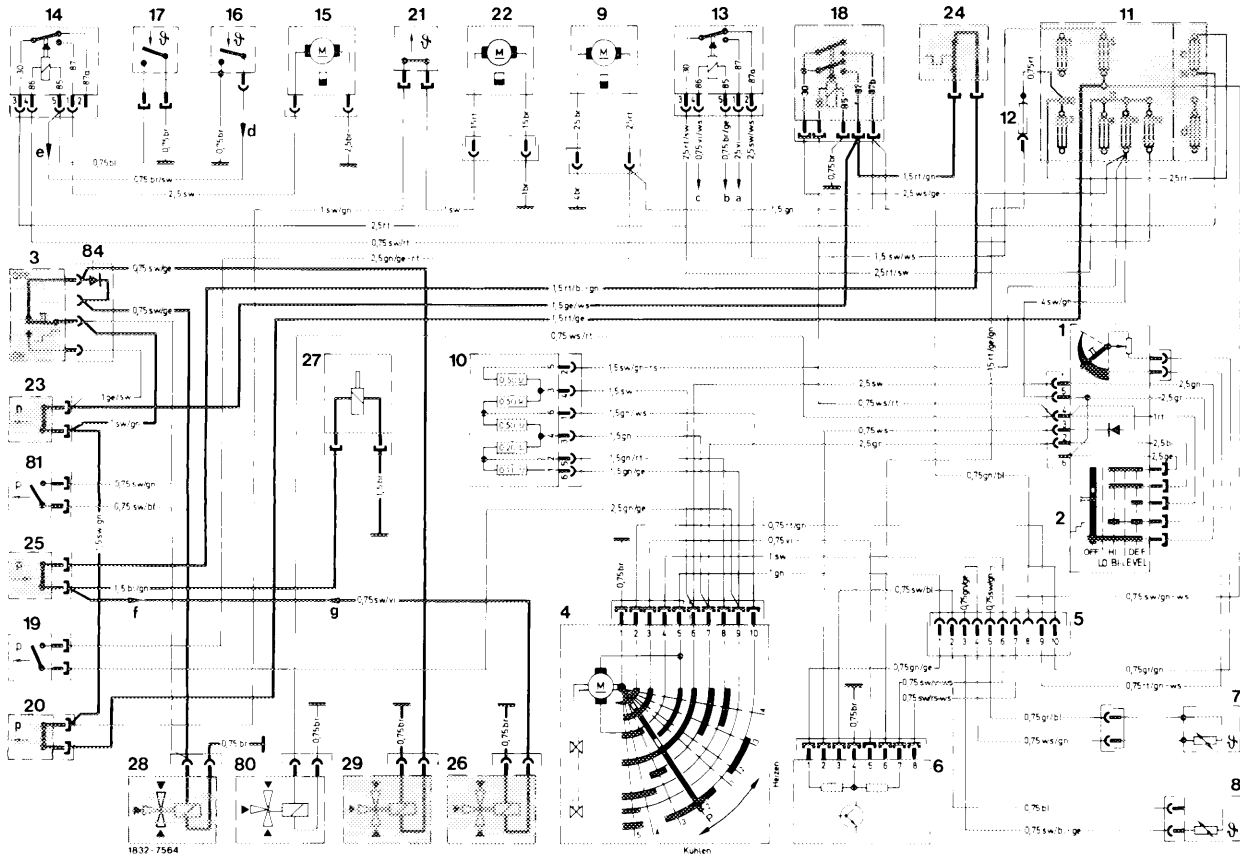
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| <ul style="list-style-type: none"> <li>1 Temperature dial</li> <li>2 Pushbutton switch</li> <li>3 "ON/OFF" switch refrigerant compressor</li> <li>4 Regulating valve</li> <li>5 10-point plug connection for tester</li> <li>6 Amplifier</li> <li>7 In-car temperature sensor</li> <li>8 Ambient temperature sensor</li> <li>9 Blower</li> <li>10 Pre-resistance for blower</li> <li>11 Main fuse box             <ul style="list-style-type: none"> <li>Fuse 5 : 8 amps (standard fuse 86)</li> <li>Fuse 10 : 16 amps</li> <li>Fuse 12 : 8 amps</li> <li>Fuse c : 16 amps</li> </ul> </li> <li>12 Additional fuse for amplifier (2 amps)</li> <li>13 Relay air conditioning system</li> <li>14 Relay auxiliary fan</li> <li>15 Auxiliary fan</li> <li>16 Temperature switch 100 °C (212 °F) in thermostat housing for auxiliary fan</li> <li>17 Temperature switch 62 °C (142 °F) in receiver dehydrator for auxiliary fan</li> <li>18 Double contact relay</li> <li>19 Vacuum switch (main switch, closes with vacuum higher than 175 mbar or 0.18 atu)</li> </ul> | <ul style="list-style-type: none"> <li>20 Vacuum switch (refrigerant compressor, closes with vacuum higher than 78.5 mbar or 0.08 atu)</li> <li>21 Temperature switch for heating water pump (22) 16 °C (61 °F) ON, 26 °C (79 °F) OFF</li> <li>22 Heating water pump</li> <li>23 Vacuum switch (for refrigerant compressor, closes with vacuum higher than 78.5 mbar or 0.08 atu, at "BI-LEVEL" only)</li> <li>24 ETR-switch 2 °C (36 °F)</li> <li>25 Pressure switch refrigerant compressor ON 2.6 bar gauge pressure (2.6 atu) OFF 2.0 bar gauge pressure (2.0 atu)</li> <li>26 Switchover valve for constant speed (engine 110.984 only)</li> <li>27 Electromagnetic clutch for refrigerant compressor</li> <li>28 Switchover valve for vacuum element of legroom flaps</li> <li>29 Switchover valve for vacuum element of fresh air-recirculated air flap</li> <li>80 Switchover valve "BI-LEVEL" (at "DEF")</li> <li>81 Vacuum switch (closes with vacuum higher than 78.5 mbar or 0.08 atu, at "BI-LEVEL" only)</li> <li>84 Diode             <ul style="list-style-type: none"> <li>a Cable connector starter terminal 50</li> <li>b Starter lockout and back-up lamp switch</li> <li>c Ignition starter switch terminal 50</li> <li>d Via relay ignition switchover terminal 85</li> <li>e Via relay decoupling terminal 30</li> <li>f Via relay ignition switchover terminal 87a</li> <li>g Via relay ignition switchover terminal 30</li> </ul> </li> </ul> |
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Wiring diagram 8

Refrigerant compressor control at "BI-LEVEL" (switch 3 for refrigerant compressor at "ON")

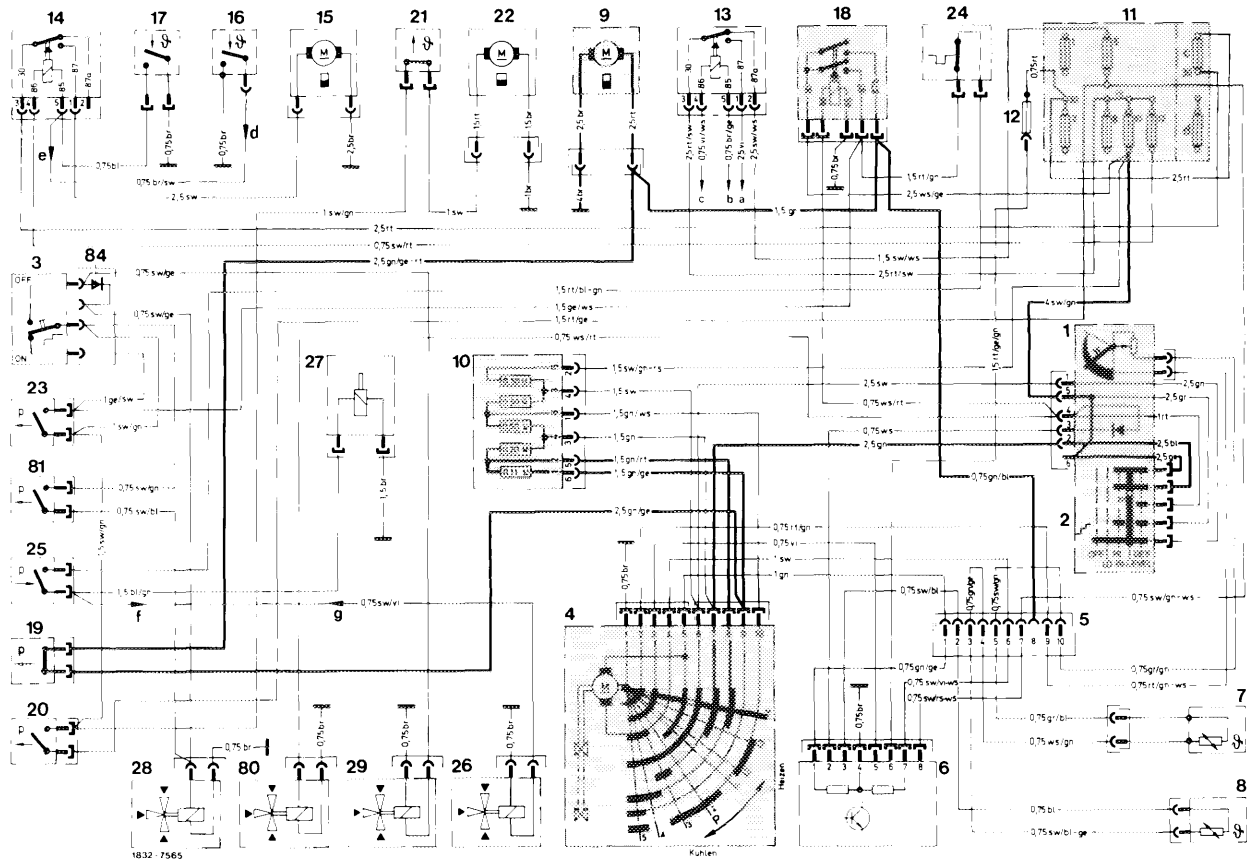
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| <ul style="list-style-type: none"> <li>1 Temperature dial</li> <li>2 Pushbutton switch</li> <li>3 "ON/OFF" switch refrigerant compressor</li> <li>4 Regulating valve</li> <li>5 10-point plug connection for tester</li> <li>6 Amplifier</li> <li>7 In-car temperature sensor</li> <li>8 Ambient temperature sensor</li> <li>9 Blower</li> <li>10 Pre-resistance for blower</li> <li>11 Main fuse box             <ul style="list-style-type: none"> <li>Fuse 5 : 8 amps (standard fuse 86)</li> <li>Fuse 10 : 16 amps</li> <li>Fuse 12 : 8 amps</li> <li>Fuse c : 16 amps</li> </ul> </li> <li>12 Additional fuse for amplifier (2 amps)</li> <li>13 Relay air conditioning system</li> <li>14 Relay auxiliary fan</li> <li>15 Auxiliary fan</li> <li>16 Temperature switch 100 °C (212 °F) in thermostat housing for auxiliary fan</li> <li>17 Temperature switch 62 °C (142 °F) in receiver dehydrator for auxiliary fan</li> <li>18 Double contact relay</li> <li>19 Vacuum switch (main switch, closes with vacuum higher than 175 mbar or 0.18 atu)</li> </ul> | <ul style="list-style-type: none"> <li>20 Vacuum switch (refrigerant compressor, closes with vacuum higher than 78.5 mbar or 0.08 atu)</li> <li>21 Temperature switch for heating water pump (22) 16 °C (61 °F) ON, 26 °C (79 °F) OFF</li> <li>22 Heating water pump</li> <li>23 Vacuum switch (for refrigerant compressor, closes with vacuum higher than 78.5 mbar or 0.08 atu, at "BI-LEVEL" only)</li> <li>24 ETR-switch 2 °C (36 °F)</li> <li>25 Pressure switch refrigerant compressor ON 2.6 bar gauge pressure (2.6 atu) OFF 2.0 bar gauge pressure (2.0 atu)</li> <li>26 Switchover valve for constant speed (engine 110.984 only)</li> <li>27 Electromagnetic clutch for refrigerant compressor</li> <li>28 Switchover valve for vacuum element of legroom flaps</li> <li>29 Switchover valve for vacuum element of fresh air-recirculated air flap</li> <li>80 Switchover valve "BI-LEVEL" (at "DEF")</li> <li>81 Vacuum switch (closes with vacuum higher than 78.5 mbar or 0.08 atu, at "BI-LEVEL" only)</li> <li>84 Diode             <ul style="list-style-type: none"> <li>a Cable connector starter terminal 50</li> <li>b Starter lockout and back-up lamp switch</li> <li>c Ignition starter switch terminal 50</li> <li>d Via relay ignition switchover terminal 85</li> <li>e Via relay decoupling terminal 30</li> <li>f Via relay ignition switchover terminal 87a</li> <li>g Via relay ignition switchover terminal 30</li> </ul> </li> </ul> |
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Wiring diagram 8 a

Refrigerant compressor control at "BI-LEVEL" (switch 3 for refrigerant compressor at "OFF")

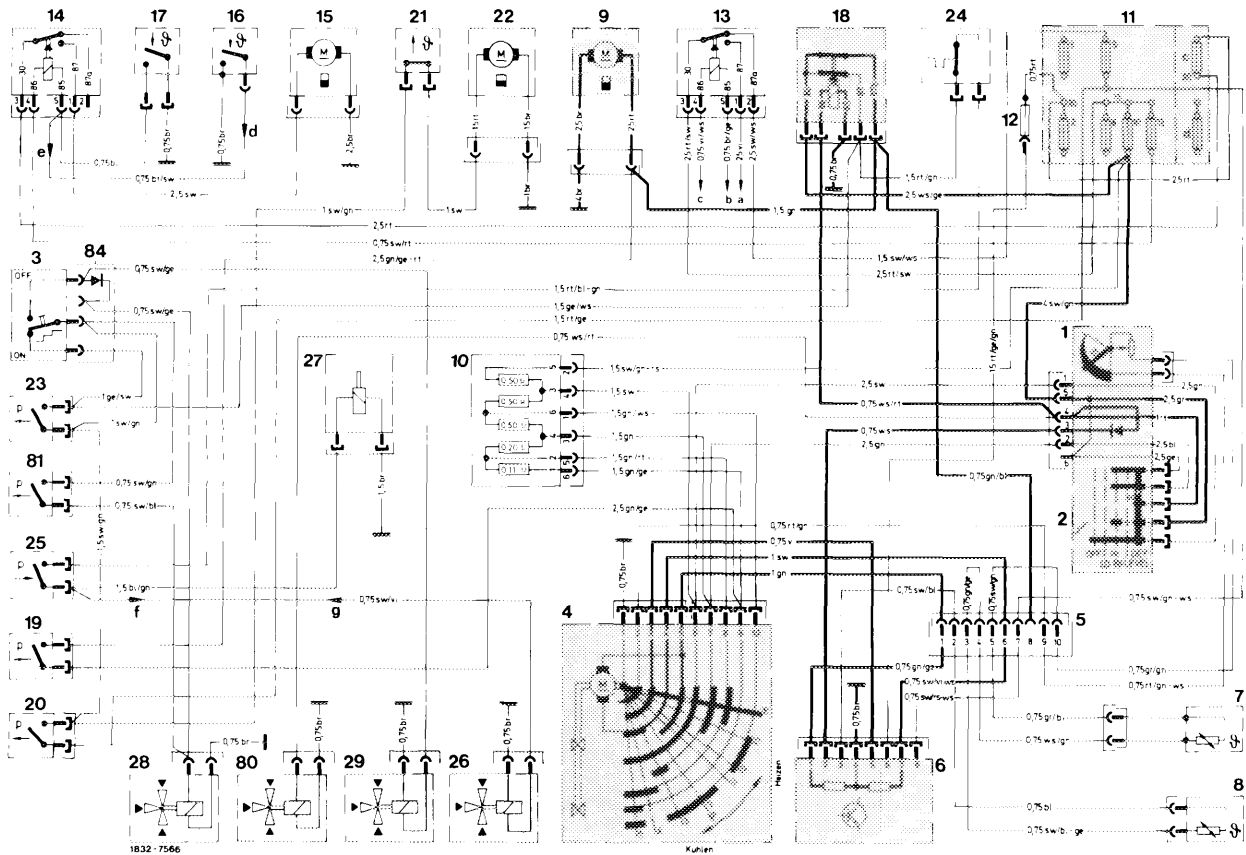
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| <ul style="list-style-type: none"> <li>1 Temperature dial</li> <li>2 Pushbutton switch</li> <li>3 "ON/OFF" switch refrigerant compressor</li> <li>4 Regulating valve</li> <li>5 10-point plug connection for tester</li> <li>6 Amplifier</li> <li>7 In-car temperature sensor</li> <li>8 Ambient temperature sensor</li> <li>9 Blower</li> <li>10 Pre-resistance for blower</li> <li>11 Main fuse box             <ul style="list-style-type: none"> <li>Fuse 5 : 8 amps (standard fuse 86)</li> <li>Fuse 10 : 16 amps</li> <li>Fuse 12 : 8 amps</li> <li>Fuse c : 16 amps</li> </ul> </li> <li>12 Additional fuse for amplifier (2 amps)</li> <li>13 Relay air conditioning system</li> <li>14 Relay auxiliary fan</li> <li>15 Auxiliary fan</li> <li>16 Temperature switch 100 °C (212 °F) in thermostat housing for auxiliary fan</li> <li>17 Temperature switch 62 °C (142 °F) in receiver dehydrator for auxiliary fan</li> <li>18 Double contact relay</li> <li>19 Vacuum switch (main switch, closes with vacuum higher than 175 mbar or 0.18 atu)</li> </ul> | <ul style="list-style-type: none"> <li>20 Vacuum switch (refrigerant compressor, closes with vacuum higher than 78.5 mbar or 0.08 atu)</li> <li>21 Temperature switch for heating water pump (22) 16 °C (61 °F) ON, 26 °C (79 °F) OFF</li> <li>22 Heating water pump</li> <li>23 Vacuum switch (for refrigerant compressor, closes with vacuum higher than 78.5 mbar or 0.08 atu, at "BI-LEVEL" only)</li> <li>24 ETR-switch 2 °C (36 °F)</li> <li>25 Pressure switch refrigerant compressor ON 2.6 bar gauge pressure (2.6 atu) OFF 2.0 bar gauge pressure (2.0 atu)</li> <li>26 Switchover valve for constant speed (engine 110.984 only)</li> <li>27 Electromagnetic clutch for refrigerant compressor</li> <li>28 Switchover valve for vacuum element of legroom flaps</li> <li>29 Switchover valve for vacuum element of fresh air-recirculated air flap</li> <li>80 Switchover valve "BI-LEVEL" (at "DEF")</li> <li>81 Vacuum switch (closes with vacuum higher than 78.5 mbar or 0.08 atu, at "BI-LEVEL" only)</li> <li>84 Diode             <ul style="list-style-type: none"> <li>a Cable connector starter terminal 50</li> <li>b Starter lockout and back-up lamp switch</li> <li>c Ignition starter switch terminal 50</li> <li>d Via relay ignition switchover terminal 85</li> <li>e Via relay decoupling terminal 30</li> <li>f Via relay ignition switchover terminal 87a</li> <li>g Via relay ignition switchover terminal 30</li> </ul> </li> </ul> |
|--|---|
- engine 110.984 only (countries with emission control)



Wiring diagram 9

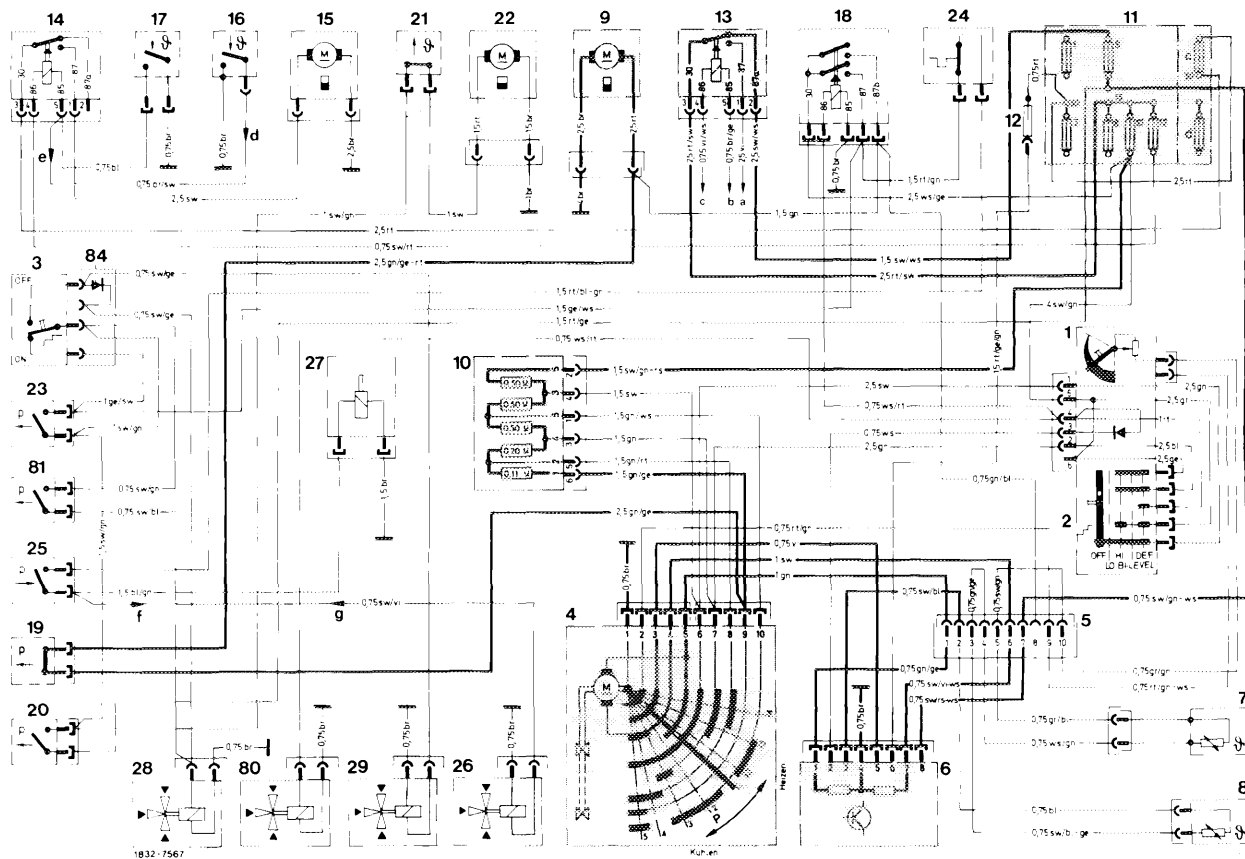
Blower control, stage 2 "BI-LEVEL" (heat), (regulating valve in position 4)

- |   |  |
|---|--|
| <p>1 Temperature dial<br/> 2 Pushbutton switch<br/> 3 "ON/OFF" switch refrigerant compressor<br/> 4 Regulating valve<br/> 5 10-point plug connection for tester<br/> 6 Amplifier<br/> 7 In-car temperature sensor<br/> 8 Ambient temperature sensor<br/> 9 Blower<br/> 10 Pre-resistance for blower<br/> 11 Main fuse box<br/>     Fuse 5 : 8 amps (standard fuse 86)<br/>     Fuse 10 : 16 amps<br/>     Fuse 12 : 8 amps<br/>     Fuse c : 16 amps<br/> 12 Additional fuse for amplifier (2 amps)<br/> 13 Relay air conditioning system<br/> 14 Relay auxiliary fan<br/> 15 Auxiliary fan<br/> 16 Temperature switch 100 °C (212 °F)<br/>     in thermostat housing for auxiliary fan<br/> 17 Temperature switch 62 °C (142 °F)<br/>     in receiver dehydrator for auxiliary fan<br/> 18 Double contact relay<br/> 19 Vacuum switch<br/>     (main switch, closes with vacuum higher than<br/>     175 mbar or 0.18 atu)</p> | <p>20 Vacuum switch (refrigerant compressor, closes with<br/> vacuum higher than 78.5 mbar or 0.08 atu)<br/> 21 Temperature switch for heating water pump (22)<br/> 16 °C (61 °F) ON, 26 °C (79 °F) OFF<br/> 22 Heating water pump<br/> 23 Vacuum switch (for refrigerant compressor, closes<br/> with vacuum higher than 78.5 mbar or 0.08 atu,<br/> at "BI-LEVEL" only)<br/> 24 ETR-switch 2 °C (36 °F)<br/> 25 Pressure switch refrigerant compressor<br/> ON 2.6 bar gauge pressure (2.6 atu)<br/> OFF 2.0 bar gauge pressure (2.0 atu)<br/> 26 Switchover valve for constant speed (engine 110.984 only)<br/> 27 Electromagnetic clutch for refrigerant compressor<br/> 28 Switchover valve for vacuum element of legroom flaps<br/> 29 Switchover valve for vacuum element of fresh<br/> air-recirculated air flap<br/> 80 Switchover valve "BI-LEVEL" (at "DEF")<br/> 81 Vacuum switch (closes with vacuum higher than<br/> 78.5 mbar or 0.08 atu, at "BI-LEVEL" only)<br/> 84 Diode<br/> a Cable connector starter terminal 50<br/> b Starter lockout and back-up lamp switch<br/> c Ignition starter switch terminal 50<br/> d Via relay ignition switchover terminal 85 } engine<br/> e Via relay decoupling terminal 30 } 110.984 only<br/> f Via relay ignition switchover terminal 87a } (countries with<br/> g Via relay ignition switchover terminal 30 } emission control)</p> |
|---|--|



Wiring diagram 10  
Blower control, stage 4 "DEF" (regulating valve in position 4)

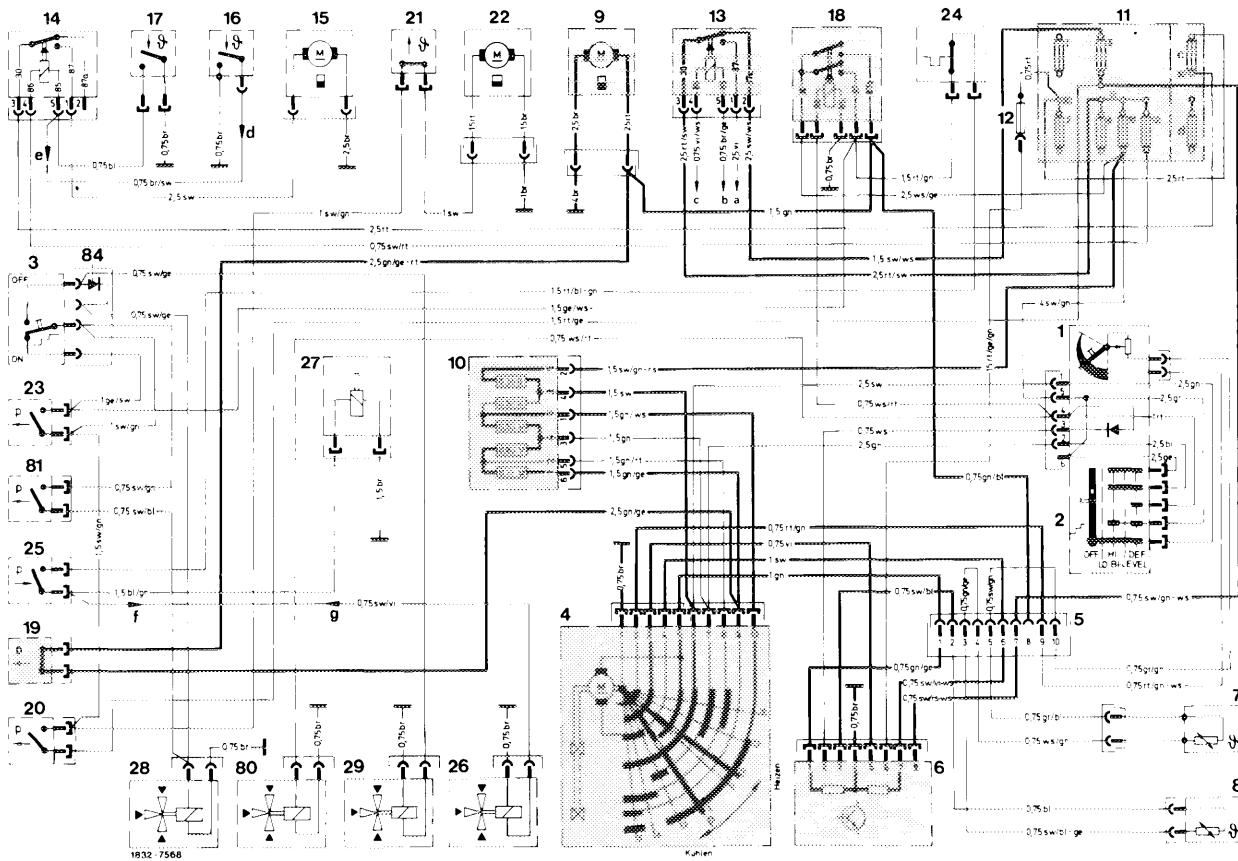
- |   |   |
|---|---|
| <p>1 Temperature dial<br/>2 Pushbutton switch<br/>3 "ON/OFF" switch refrigerant compressor<br/>4 Regulating valve<br/>5 10-point plug connection for tester<br/>6 Amplifier<br/>7 In-car temperature sensor<br/>8 Ambient temperature sensor<br/>9 Blower<br/>10 Pre-resistance for blower<br/>11 Main fuse box<br/>Fuse 5 : 8 amps (standard fuse 86)<br/>Fuse 10 : 16 amps<br/>Fuse 12 : 8 amps<br/>Fuse c : 16 amps<br/>12 Additional fuse for amplifier (2 amps)<br/>13 Relay air conditioning system<br/>14 Relay auxiliary fan<br/>15 Auxiliary fan<br/>16 Temperature switch 100 °C (212 °F)<br/>in thermostat housing for auxiliary fan<br/>17 Temperature switch 62 °C (142 °F)<br/>in receiver dehydrator for auxiliary fan<br/>18 Double contact relay<br/>19 Vacuum switch<br/>(main switch, closes with vacuum higher than<br/>175 mbar or 0.18 atu)</p> | <p>20 Vacuum switch (refrigerant compressor, closes with<br/>vacuum higher than 78.5 mbar or 0.08 atu)<br/>21 Temperature switch for heating water pump (22)<br/>16 °C (61 °F) ON, 26 °C (79 °F) OFF<br/>22 Heating water pump<br/>23 Vacuum switch (for refrigerant compressor, closes<br/>with vacuum higher than 78.5 mbar or 0.08 atu,<br/>at "BI-LEVEL" only)<br/>24 ETR-switch 2 °C (36 °F)<br/>25 Pressure switch refrigerant compressor<br/>ON 2.6 bar gauge pressure (2.6 atu)<br/>OFF 2.0 bar gauge pressure (2.0 atu)<br/>26 Switchover valve for constant speed (engine 110.984 only)<br/>27 Electromagnetic clutch for refrigerant compressor<br/>28 Switchover valve for vacuum element of legroom flaps<br/>29 Switchover valve for vacuum element of fresh<br/>air-recirculated air flap<br/>80 Switchover valve "BI-LEVEL" (at "DEF")<br/>81 Vacuum switch (closes with vacuum higher than<br/>78.5 mbar or 0.08 atu, at "BI-LEVEL" only)<br/>84 Diode<br/>a Cable connector starter terminal 50<br/>b Starter lockout and back-up lamp switch<br/>c Ignition starter switch terminal 50<br/>d Via relay ignition switchover terminal 85 } engine<br/>e Via relay decoupling terminal 30 } 110.984 only<br/>f Via relay ignition switchover terminal 87a } (countries with<br/>g Via relay ignition switchover terminal 30 } emission control)</p> |
|---|---|



Wiring diagram 11

Blower control, stage 1 "LO" (regulating valve in position 1)

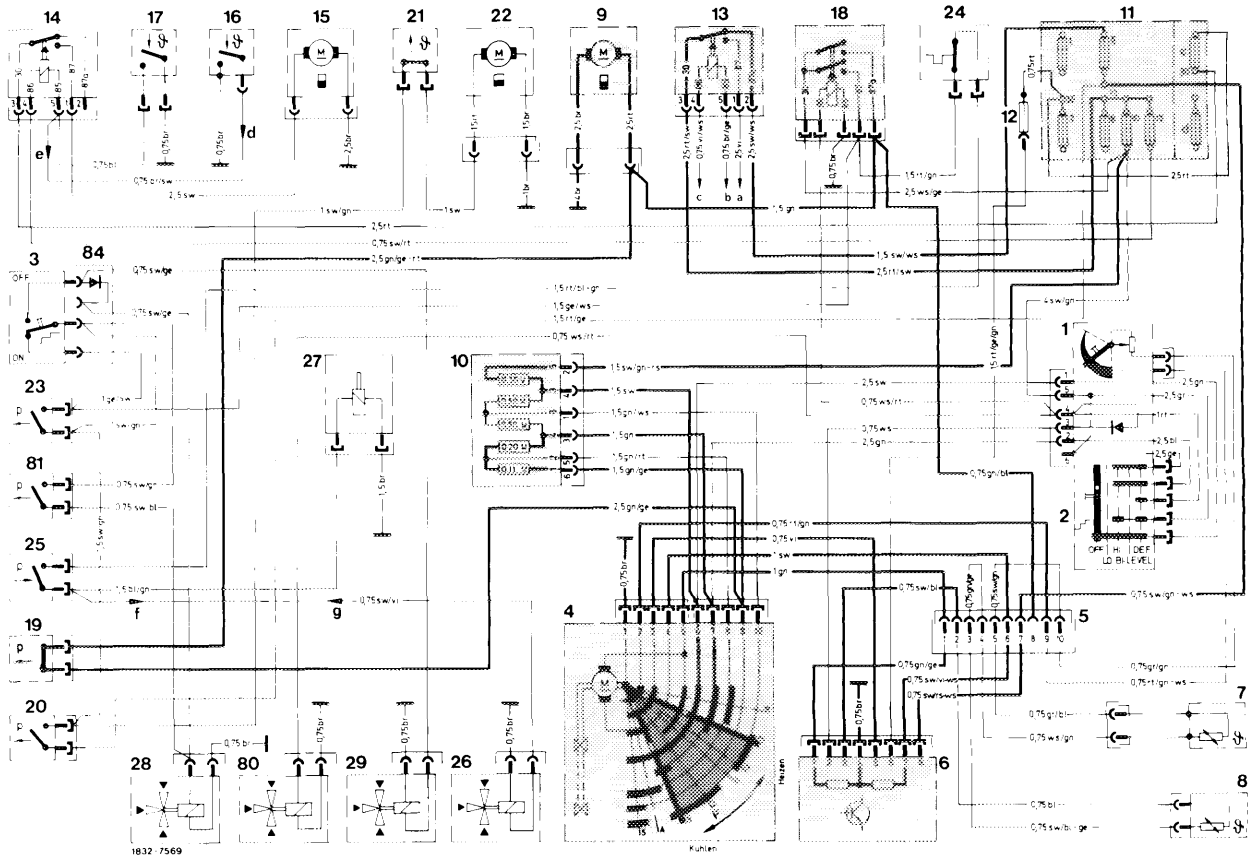
- |   |  |
|---|--|
| <p>1 Temperature dial<br/> 2 Pushbutton switch<br/> 3 "ON/OFF" switch refrigerant compressor<br/> 4 Regulating valve<br/> 5 10-point plug connection for tester<br/> 6 Amplifier<br/> 7 In-car temperature sensor<br/> 8 Ambient temperature sensor<br/> 9 Blower<br/> 10 Pre-resistance for blower<br/> 11 Main fuse box<br/>     Fuse 5 : 8 amps (standard fuse 86)<br/>     Fuse 10 : 16 amps<br/>     Fuse 12 : 8 amps<br/>     Fuse c : 16 amps<br/> 12 Additional fuse for amplifier (2 amps)<br/> 13 Relay air conditioning system<br/> 14 Relay auxiliary fan<br/> 15 Auxiliary fan<br/> 16 Temperature switch 100 °C (212 °F)<br/>     in thermostat housing for auxiliary fan<br/> 17 Temperature switch 62 °C (142 °F)<br/>     in receiver dehydrator for auxiliary fan<br/> 18 Double contact relay<br/> 19 Vacuum switch<br/>     (main switch, closes with vacuum higher than<br/>     175 mbar or 0.18 atu)</p> | <p>20 Vacuum switch (refrigerant compressor, closes with<br/> vacuum higher than 78.5 mbar or 0.08 atu)<br/> 21 Temperature switch for heating water pump (22)<br/> 16 °C (61 °F) ON, 26 °C (79 °F) OFF<br/> 22 Heating water pump<br/> 23 Vacuum switch (for refrigerant compressor, closes<br/> with vacuum higher than 78.5 mbar or 0.08 atu,<br/> at "BI-LEVEL" only)<br/> 24 ETR-switch 2 °C (36 °F)<br/> 25 Pressure switch refrigerant compressor<br/> ON 2.6 bar gauge pressure (2.6 atu)<br/> OFF 2.0 bar gauge pressure (2.0 atu)<br/> 26 Switchover valve for constant speed (engine 110.984 only)<br/> 27 Electromagnetic clutch for refrigerant compressor<br/> 28 Switchover valve for vacuum element of legroom flaps<br/> 29 Switchover valve for vacuum element of fresh<br/> air-recirculated air flap<br/> 80 Switchover valve "BI-LEVEL" (at "DEF")<br/> 81 Vacuum switch (closes with vacuum higher than<br/> 78.5 mbar or 0.08 atu, at "BI-LEVEL" only)<br/> 84 Diode<br/> a Cable connector starter terminal 50<br/> b Starter lockout and back-up lamp switch<br/> c Ignition starter switch terminal 50<br/> d Via relay ignition switchover terminal 85<br/> e Via relay decoupling terminal 30<br/> f Via relay ignition switchover terminal 87a<br/> g Via relay ignition switchover terminal 30</p> |
|---|--|



Wiring diagram 12

Blower control, stage 2 "LO" (regulating valve in position 2)

- |   |  |
|---|--|
| <p>1 Temperature dial</p> <p>2 Pushbutton switch</p> <p>3 "ON/OFF" switch refrigerant compressor</p> <p>4 Regulating valve</p> <p>5 10-point plug connection for tester</p> <p>6 Amplifier</p> <p>7 In-car temperature sensor</p> <p>8 Ambient temperature sensor</p> <p>9 Blower</p> <p>10 Pre-resistance for blower</p> <p>11 Main fuse box</p> <p>    Fuse 5 : 8 amps (standard fuse 86)</p> <p>    Fuse 10 : 16 amps</p> <p>    Fuse 12 : 8 amps</p> <p>    Fuse c : 16 amps</p> <p>12 Additional fuse for amplifier (2 amps)</p> <p>13 Relay air conditioning system</p> <p>14 Relay auxiliary fan</p> <p>15 Auxiliary fan</p> <p>16 Temperature switch 100 °C (212 °F)<br/>in thermostat housing for auxiliary fan</p> <p>17 Temperature switch 62 °C (142 °F)<br/>in receiver dehydrator for auxiliary fan</p> <p>18 Double contact relay</p> <p>19 Vacuum switch<br/>(main switch, closes with vacuum higher than 175 mbar or 0.18 atu)</p> | <p>20 Vacuum switch (refrigerant compressor, closes with vacuum higher than 78.5 mbar or 0.08 atu)</p> <p>21 Temperature switch for heating water pump (22)<br/>16 °C (61 °F) ON, 26 °C (79 °F) OFF</p> <p>22 Heating water pump</p> <p>23 Vacuum switch (for refrigerant compressor, closes with vacuum higher than 78.5 mbar or 0.08 atu, at "BI-LEVEL" only)</p> <p>24 ETR-switch 2 °C (36 °F)</p> <p>25 Pressure switch refrigerant compressor<br/>ON 2.6 bar gauge pressure (2.6 atu)<br/>OFF 2.0 bar gauge pressure (2.0 atu)</p> <p>26 Switchover valve for constant speed (engine 110.984 only)</p> <p>27 Electromagnetic clutch for refrigerant compressor</p> <p>28 Switchover valve for vacuum element of legroom flaps</p> <p>29 Switchover valve for vacuum element of fresh air-recirculated air flap</p> <p>80 Switchover valve "BI-LEVEL" (at "DEF")</p> <p>81 Vacuum switch (closes with vacuum higher than 78.5 mbar or 0.08 atu, at "BI-LEVEL" only)</p> <p>84 Diode</p> <p>a Cable connector starter terminal 50</p> <p>b Starter lockout and back-up lamp switch</p> <p>c Ignition starter switch terminal 50</p> <p>d Via relay ignition switchover terminal 85 } engine</p> <p>e Via relay decoupling terminal 30 } 110.984 only</p> <p>f Via relay ignition switchover terminal 87a } (countries with</p> <p>g Via relay ignition switchover terminal 30 } emission control)</p> |
|---|--|

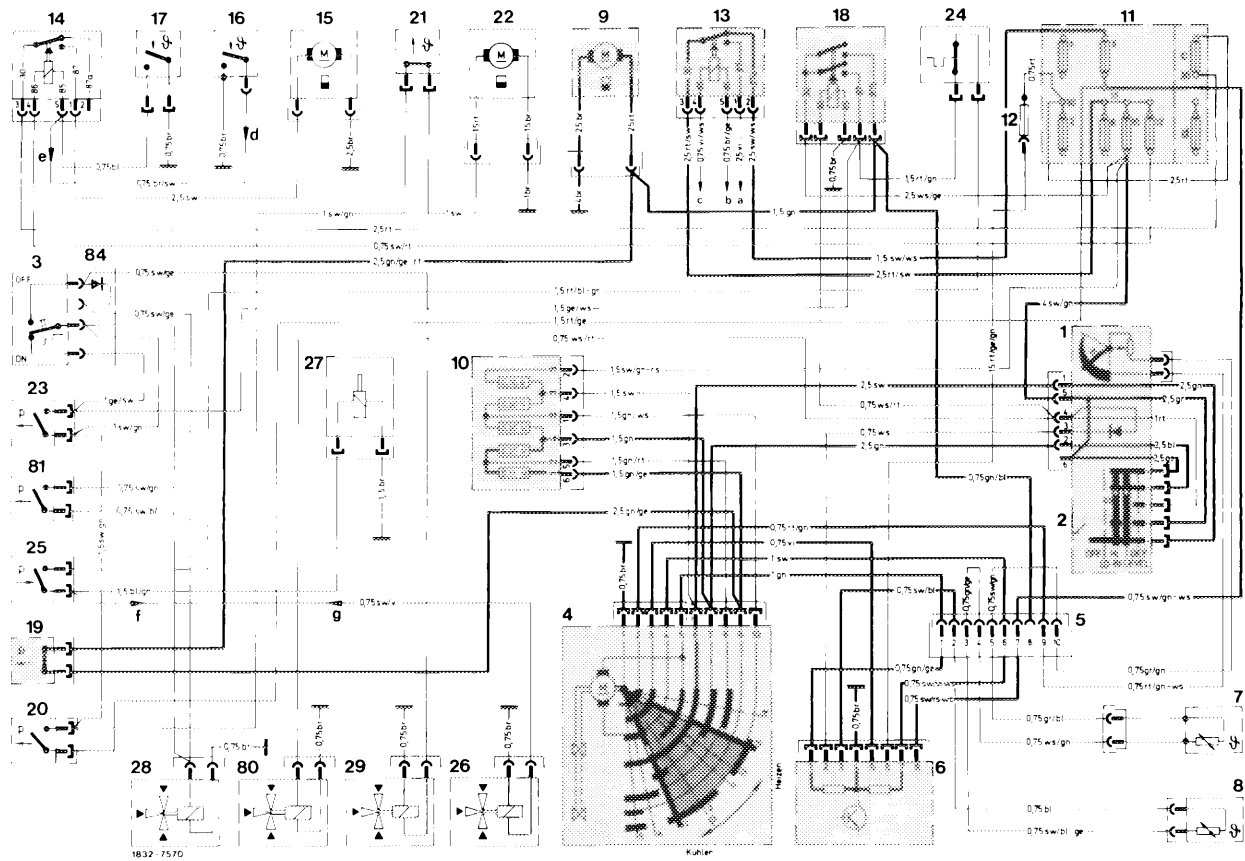


Wiring diagram 13

Blower control, stage 3 "LO" (regulating valve in position 3)

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>1 Temperature dial</li> <li>2 Pushbutton switch</li> <li>3 "ON/OFF" switch refrigerant compressor</li> <li>4 Regulating valve</li> <li>5 10-point plug connection for tester</li> <li>6 Amplifier</li> <li>7 In-car temperature sensor</li> <li>8 Ambient temperature sensor</li> <li>9 Blower</li> <li>10 Pre-resistance for blower</li> <li>11 Main fuse box<br/>Fuse 5 : 8 amps (standard fuse 86)<br/>Fuse 10 : 16 amps<br/>Fuse 12 : 8 amps<br/>Fuse c : 16 amps</li> <li>12 Additional fuse for amplifier (2 amps)</li> <li>13 Relay air conditioning system</li> <li>14 Relay auxiliary fan</li> <li>15 Auxiliary fan</li> <li>16 Temperature switch 100 °C (212 °F)<br/>in thermostat housing for auxiliary fan</li> <li>17 Temperature switch 62 °C (142 °F)<br/>in receiver dehydrator for auxiliary fan</li> <li>18 Double contact relay</li> <li>19 Vacuum switch<br/>(main switch, closes with vacuum higher than 175 mbar or 0.18 atu)</li> </ul> | <ul style="list-style-type: none"> <li>20 Vacuum switch (refrigerant compressor, closes with vacuum higher than 78.5 mbar or 0.08 atu)</li> <li>21 Temperature switch for heating water pump (22)<br/>16 °C (61 °F) ON, 26 °C (79 °F) OFF</li> <li>22 Heating water pump</li> <li>23 Vacuum switch (for refrigerant compressor, closes with vacuum higher than 78.5 mbar or 0.08 atu, at "BI-LEVEL" only)</li> <li>24 ETR-switch 2 °C (36 °F)</li> <li>25 Pressure switch refrigerant compressor<br/>ON 2.6 bar gauge pressure (2.6 atu)<br/>OFF 2.0 bar gauge pressure (2.0 atu)</li> <li>26 Switchover valve for constant speed (engine 110.984 only)</li> <li>27 Electromagnetic clutch for refrigerant compressor</li> <li>28 Switchover valve for vacuum element of legroom flaps</li> <li>29 Switchover valve for vacuum element of fresh air-recirculated air flap</li> <li>80 Switchover valve "BI-LEVEL" (at "DEF")</li> <li>81 Vacuum switch (closes with vacuum higher than 78.5 mbar or 0.08 atu, at "BI-LEVEL" only)</li> <li>84 Diode<br/>a Cable connector starter terminal 50<br/>b Starter lockout and back-up lamp switch<br/>c Ignition starter switch terminal 50<br/>d Via relay ignition switchover terminal 85 } engine<br/>e Via relay decoupling terminal 30 } 110.984 only<br/>f Via relay ignition switchover terminal 87a } (countries with<br/>g Via relay ignition switchover terminal 30 } emission control)</li> </ul> |
|--|--|

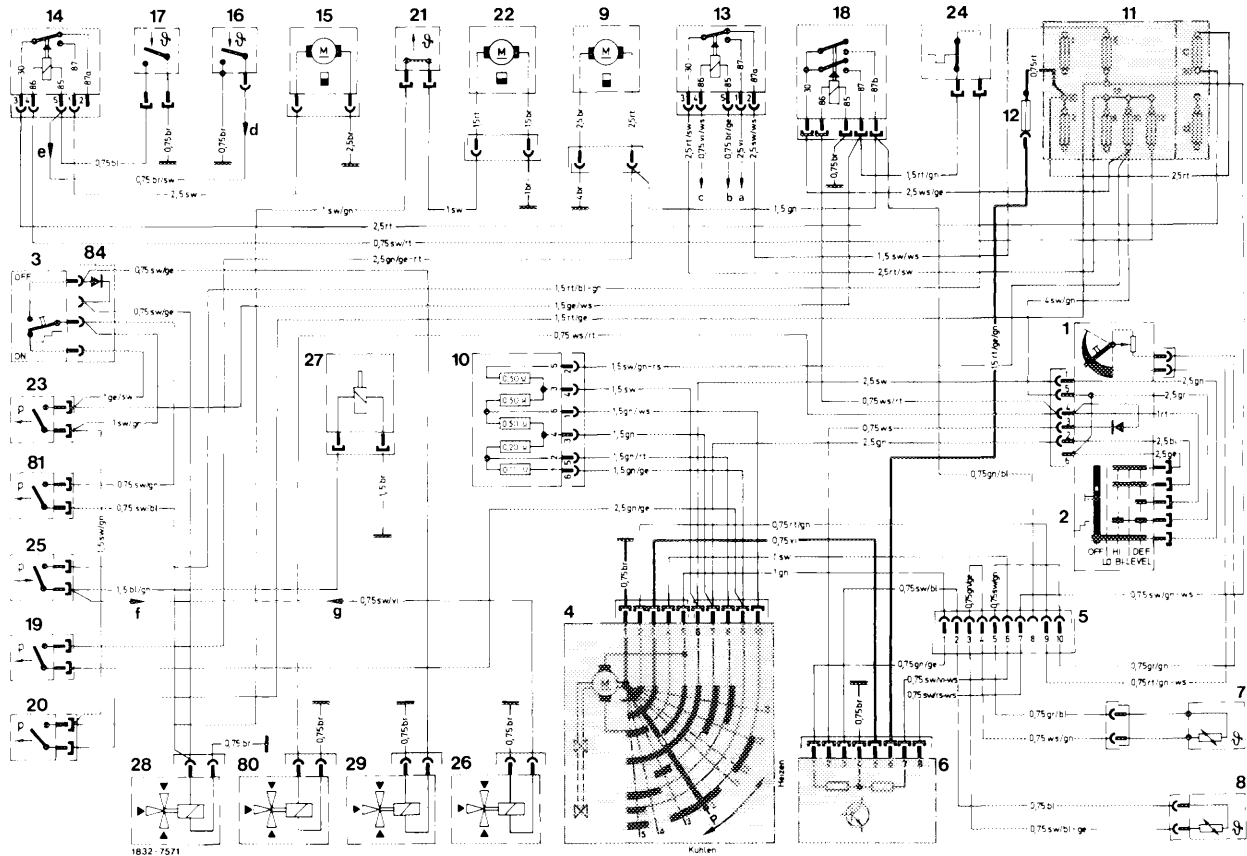




Wiring diagram 14

Blower control, stage 1 "HI" and "BI-LEVEL", (regulating valve in position 3 "heating" to position 3 "cooling")

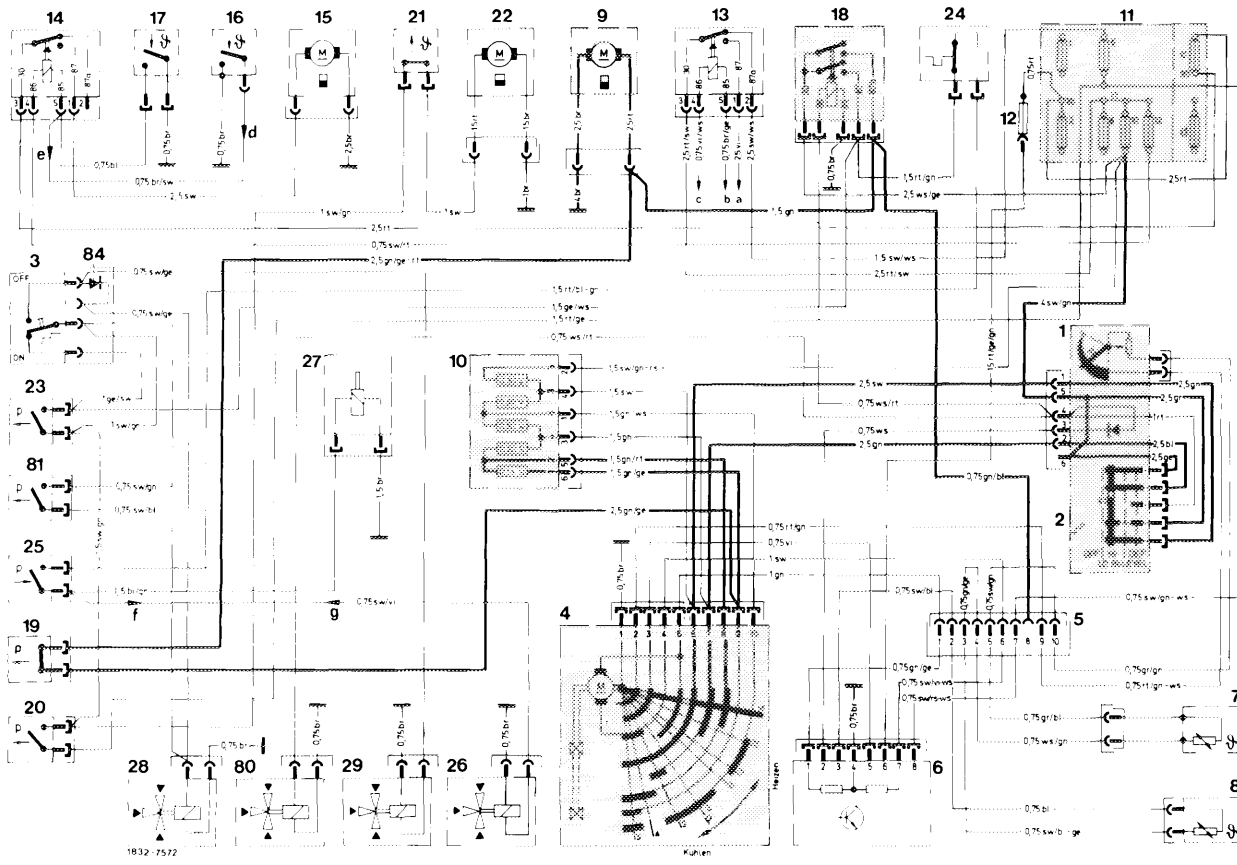
- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>1 Temperature dial</li> <li>2 Pushbutton switch</li> <li>3 "ON/OFF" switch refrigerant compressor</li> <li>4 Regulating valve</li> <li>5 10-point plug connection for tester</li> <li>6 Amplifier</li> <li>7 In-car temperature sensor</li> <li>8 Ambient temperature sensor</li> <li>9 Blower</li> <li>10 Pre-resistance for blower</li> <li>11 Main fuse box             <ul style="list-style-type: none"> <li>Fuse 5 : 8 amps (standard fuse 86)</li> <li>Fuse 10 : 16 amps</li> <li>Fuse 12 : 8 amps</li> <li>Fuse c : 16 amps</li> </ul> </li> <li>12 Additional fuse for amplifier (2 amps)</li> <li>13 Relay air conditioning system</li> <li>14 Relay auxiliary fan</li> <li>15 Auxiliary fan</li> <li>16 Temperature switch 100 °C (212 °F) in thermostat housing for auxiliary fan</li> <li>17 Temperature switch 62 °C (142 °F) in receiver dehydrator for auxiliary fan</li> <li>18 Double contact relay</li> <li>19 Vacuum switch (main switch, closes with vacuum higher than 175 mbar or 0.18 atu)</li> </ul> | <ul style="list-style-type: none"> <li>20 Vacuum switch (refrigerant compressor, closes with vacuum higher than 78.5 mbar or 0.08 atu)</li> <li>21 Temperature switch for heating water pump (22) 16 °C (61 °F) ON, 26 °C (79 °F) OFF</li> <li>22 Heating water pump</li> <li>23 Vacuum switch (for refrigerant compressor, closes with vacuum higher than 78.5 mbar or 0.08 atu, at "BI-LEVEL" only)</li> <li>24 ETR-switch 2 °C (36 °F)</li> <li>25 Pressure switch refrigerant compressor ON 2.6 bar gauge pressure (2.6 atu) OFF 2.0 bar gauge pressure (2.0 atu)</li> <li>26 Switchover valve for constant speed (engine 110.984 only)</li> <li>27 Electromagnetic clutch for refrigerant compressor</li> <li>28 Switchover valve for vacuum element of legroom flaps</li> <li>29 Switchover valve for vacuum element of fresh air-recirculated air flap</li> <li>80 Switchover valve "BI-LEVEL" (at "DEF")</li> <li>81 Vacuum switch (closes with vacuum higher than 78.5 mbar or 0.08 atu, at "BI-LEVEL" only)</li> <li>84 Diode             <ul style="list-style-type: none"> <li>a Cable connector starter terminal 50</li> <li>b Starter lockout and back-up lamp switch</li> <li>c Ignition starter switch terminal 50</li> <li>d Via relay ignition switchover terminal 85</li> <li>e Via relay decoupling terminal 30</li> <li>f Via relay ignition switchover terminal 87a</li> <li>g Via relay ignition switchover terminal 30</li> </ul> </li> </ul> |
|--|---|



Wiring diagram 15

Regulating valve control (ignition off, regulating valve in position "P 2")

- |   |  |
|---|--|
| <p>1 Temperature dial<br/> 2 Pushbutton switch<br/> 3 "ON/OFF" switch refrigerant compressor<br/> 4 Regulating valve<br/> 5 10-point plug connection for tester<br/> 6 Amplifier<br/> 7 In-car temperature sensor<br/> 8 Ambient temperature sensor<br/> 9 Blower<br/> 10 Pre-resistance for blower<br/> 11 Main fuse box<br/>     Fuse 5 : 8 amps (standard fuse 86)<br/>     Fuse 10 : 16 amps<br/>     Fuse 12 : 8 amps<br/>     Fuse c : 16 amps<br/> 12 Additional fuse for amplifier (2 amps)<br/> 13 Relay air conditioning system<br/> 14 Relay auxiliary fan<br/> 15 Auxiliary fan<br/> 16 Temperature switch 100 °C (212 °F)<br/>     in thermostat housing for auxiliary fan<br/> 17 Temperature switch 62 °C (142 °F)<br/>     in receiver dehydrator for auxiliary fan<br/> 18 Double contact relay<br/> 19 Vacuum switch<br/>     (main switch, closes with vacuum higher than<br/>     175 mbar or 0.18 atu)</p> | <p>20 Vacuum switch (refrigerant compressor, closes with<br/> vacuum higher than 78.5 mbar or 0.08 atu)<br/> 21 Temperature switch for heating water pump (22)<br/> 16 °C (61 °F) ON, 26 °C (79 °F) OFF<br/> 22 Heating water pump<br/> 23 Vacuum switch (for refrigerant compressor, closes<br/> with vacuum higher than 78.5 mbar or 0.08 atu,<br/> at "BI-LEVEL" only)<br/> 24 ETR-switch 2 °C (36 °F)<br/> 25 Pressure switch refrigerant compressor<br/> ON 2.6 bar gauge pressure (2.6 atu)<br/> OFF 2.0 bar gauge pressure (2.0 atu)<br/> 26 Switchover valve for constant speed (engine 110.984 only)<br/> 27 Electromagnetic clutch for refrigerant compressor<br/> 28 Switchover valve for vacuum element of legroom flaps<br/> 29 Switchover valve for vacuum element of fresh<br/> air-recirculated air flap<br/> 80 Switchover valve "BI-LEVEL" (at "DEF")<br/> 81 Vacuum switch (closes with vacuum higher than<br/> 78.5 mbar or 0.08 atu, at "BI-LEVEL" only)<br/> 84 Diode<br/> a Cable connector starter terminal 50<br/> b Starter lockout and back-up lamp switch<br/> c Ignition starter switch terminal 50<br/> d Via relay ignition switchover terminal 85 } engine<br/> e Via relay decoupling terminal 30 } 110.984 only<br/> f Via relay ignition switchover terminal 87a } (countries with<br/> g Via relay ignition switchover terminal 30 } emission control)</p> |
|---|--|



Wiring diagram 16  
Blower control, stage 2 "HI" (regulating valve in position 4)

- 1 Temperature dial
- 2 Pushbutton switch
- 3 "ON/OFF" switch refrigerant compressor
- 4 Regulating valve
- 5 10-point plug connection for tester
- 6 Amplifier
- 7 In-car temperature sensor
- 8 Ambient temperature sensor
- 9 Blower
- 10 Pre-resistance for blower
- 11 Main fuse box  
Fuse 5 : 8 amps (standard fuse 86)  
Fuse 10 : 16 amps  
Fuse 12 : 8 amps  
Fuse c : 16 amps
- 12 Additional fuse for amplifier (2 amps)
- 13 Relay air conditioning system
- 14 Relay auxiliary fan
- 15 Auxiliary fan
- 16 Temperature switch 100 °C (212 °F)  
in thermostat housing for auxiliary fan
- 17 Temperature switch 62 °C (142 °F)  
in receiver dehydrator for auxiliary fan
- 18 Double contact relay
- 19 Vacuum switch  
(main switch, closes with vacuum higher than  
175 mbar or 0.18 atu)
- 20 Vacuum switch (refrigerant compressor, closes with  
vacuum higher than 78.5 mbar or 0.08 atu)
- 21 Temperature switch for heating water pump (22)  
16 °C (61 °F) ON, 26 °C (79 °F) OFF
- 22 Heating water pump
- 23 Vacuum switch (for refrigerant compressor, closes  
with vacuum higher than 78.5 mbar or 0.08 atu,  
at "BI-LEVEL" only)
- 24 ETR-switch 2 °C (36 °F)
- 25 Pressure switch refrigerant compressor  
ON 2.6 bar gauge pressure (2.6 atu)  
OFF 2.0 bar gauge pressure (2.0 atu)
- 26 Switchover valve for constant speed (engine 110.984 only)
- 27 Electromagnetic clutch for refrigerant compressor
- 28 Switchover valve for vacuum element of legroom flaps
- 29 Switchover valve for vacuum element of fresh  
air-recirculated air flap
- 80 Switchover valve "BI-LEVEL" (at "DEF")
- 81 Vacuum switch (closes with vacuum higher than  
78.5 mbar or 0.08 atu, at "BI-LEVEL" only)
- 84 Diode  
a Cable connector starter terminal 50  
b Starter lockout and back-up lamp switch  
c Ignition starter switch terminal 50  
d Via relay ignition switchover terminal 85 } engine  
e Via relay decoupling terminal 30 } 110.984 only  
f Via relay ignition switchover terminal 87a } (countries with  
g Via relay ignition switchover terminal 30 } emission control)