

CAR ALARM

META SERVICE



TYPE OF CAR AND YEAR OF MANUFACTURE

VOLKSWAGEN POLO 1995 →

SHEET NO.

40.13

INSTALLATION POSITION

Compact control units and sirens: engine compartment between the left headlight and the battery.

Control units and accessories: under the dashboard near the steering wheel.

POWER SUPPLY

Positive: connect to the red/white wire in the fuse box.

Negative: connect to a factory fitting.

ENGINE IMMOBILISATION

Cut the yellow/red wire for fuel pump supply located on a connector marked "M" behind the fuse box, or use a 30 amp relay and cut the red/black wire that controls the starter motor, located on the ignition block.

KEY POSITIVE (+15)

Connect to the blue/black wire located on an 8-way connector behind the fuse box.

CENTRAL LOCKING

Positive type controls.

Unlocking: connect to the grey/black wire.

Locking: connect to the grey/red wire.

The wires can be located at the point in which they enter the car from the door.

TURNING INDICATORS

Connect to the black/white and black/green wires on an 8-way connector situated behind the fuse box.

DOOR PROTECTION

Connect to the brown/white wire on a 4-way connector located below the dashboard on the driver's side near the door frame.

BONNET AND BOOT PROTECTION

Boot: connect to the white/brown wire used for overhead light switch-on.

Bonnet: use one of the buttons provided in the kit.

NOTE: For cars equipped with catalytic converter, see the section entitled "CATALYST", or cut supply to the fuel pump.



THE INFORMATION GIVEN IN THIS MANUAL IS PURELY INDICATIVE, AND SHOULD BE VERIFIED BEFORE MAKING ANY CONNECTIONS, AS THE CAR MANUFACTURER MAY MAKE MODIFICATIONS WITHOUT PRIOR NOTICE.
META SYSTEM WILL NOT ASSUME ANY RESPONSIBILITY FOR DAMAGE TO THE VEHICLE CAUSED BY INCORRECT INSTALLATION.

CAR ALARM

META SERVICE



TYPE OF CAR AND YEAR OF MANUFACTURE

VOLKSWAGEN SHARAN 1996

SHEET NO.

40.14

INSTALLATION POSITION

Compact control units: between the battery and the fuse box.

Modular units: under the dashboard on the driver's side.

For running the wires use the factory-fitted cap under the main cable guide from the car interior behind the fuse box.

POWER SUPPLY

Positive: from a branch in the fuse box.

Negative: to a factory supplied earth.

ENGINE IMMOBILISATION

Starter motor: with supplementary relay: red/black wire on connector H1 behind the fuse box.

Fuel pump: yellow/blue wire on connector G1 in the fuse box.

KEY POSITIVE (+15)

Yellow/black wire in the fuse box or black wire on connector A1 behind the fuse box.

CENTRAL LOCKING

Positive type control.

Grey wire for locking, green wire for unlocking, coming from the driver's side door.

TURNING INDICATORS

Black/white and black/green wires in the fuse box on a connector marked K.

DOOR PROTECTION

Brown/white wire that comes from the overhead light after the timer and descends from the driver's side door frame.

BONNET AND BOOT PROTECTION

Bonnet: brown/black wire on a 4-way connector, located in the foam enclosure behind the fuse box.

Boot: brown/yellow wire connected to the courtesy light under the dashboard on the driver's side.

ELECTRIC WINDOWS

Comfort function, with timing for closing alarm of 6"/25". Follow the diagrams enclosed.

Locate the 3-way connector in a foam enclosure.

This enclosure contains various connectors and is located behind the fuse box.

NOTE: For cars equipped with catalytic converter, see the section entitled "CATALYST", or cut supply to the fuel pump.



THE INFORMATION GIVEN IN THIS MANUAL IS PURELY INDICATIVE, AND SHOULD BE VERIFIED BEFORE MAKING ANY CONNECTIONS, AS THE CAR MANUFACTURER MAY MAKE MODIFICATIONS WITHOUT PRIOR NOTICE.
META SYSTEM WILL NOT ASSUME ANY RESPONSIBILITY FOR DAMAGE TO THE VEHICLE CAUSED BY INCORRECT INSTALLATION.

TYPE OF CAR AND YEAR OF MANUFACTURE

VOLKSWAGEN SHARAN 1996

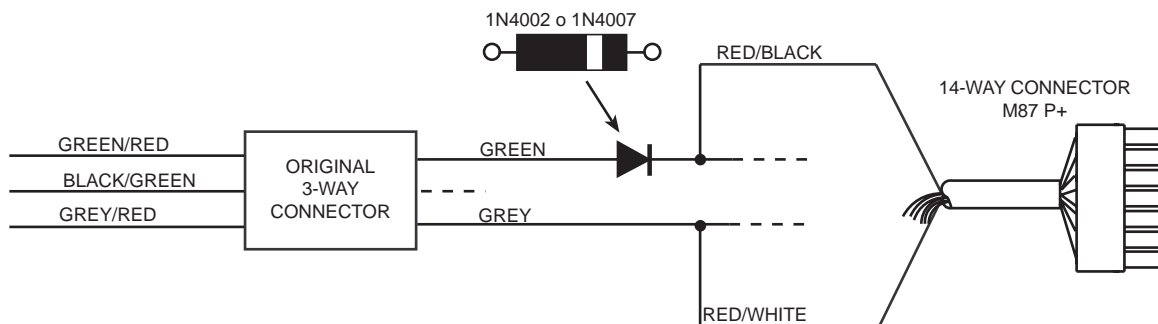
SHEET NO.

40.14.1

APPLICATION FOR M87 P+

Diagrams for simultaneous control of central locking, electric windows, and electric sunroof (where present).

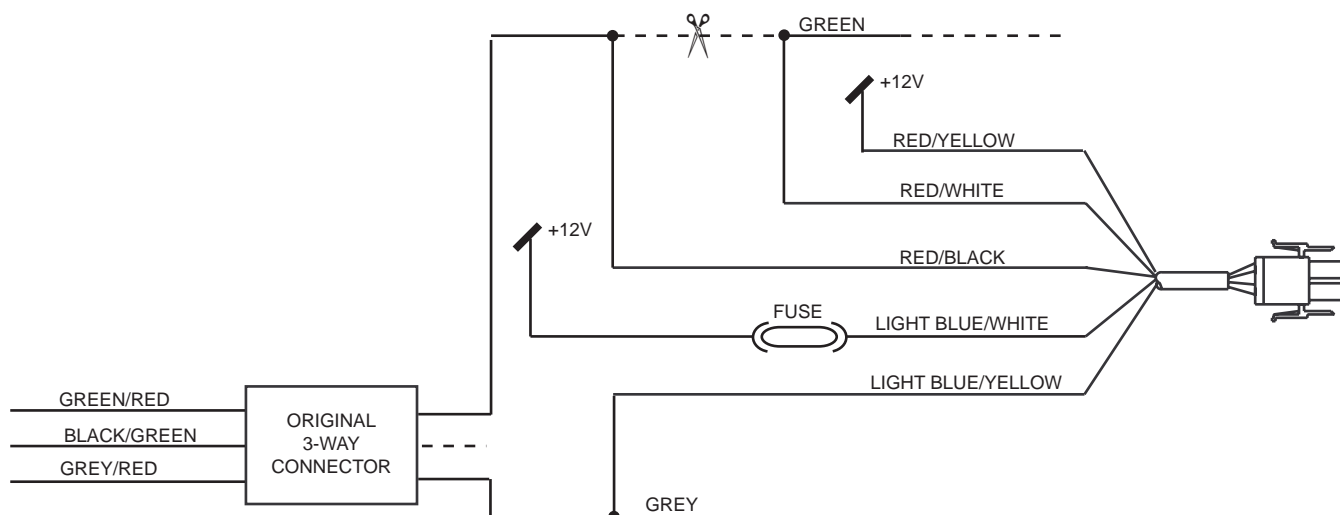
Select the long time of 6-25 seconds.



APPLICATION FOR M26 - M99 - M393

Diagrams for simultaneous control of central locking, electric windows, and electric sunroof (where present).

Select the long time of 6-25 seconds.



NOTE: For cars equipped with catalytic converter, see the section entitled "CATALYST", or cut supply to the fuel pump.



THE INFORMATION GIVEN IN THIS MANUAL IS PURELY INDICATIVE, AND SHOULD BE VERIFIED BEFORE MAKING ANY CONNECTIONS, AS THE CAR MANUFACTURER MAY MAKE MODIFICATIONS WITHOUT PRIOR NOTICE. **META SYSTEM** WILL NOT ASSUME ANY RESPONSIBILITY FOR DAMAGE TO THE VEHICLE CAUSED BY INCORRECT INSTALLATION.

CAR ALARM

META SERVICE



TYPE OF CAR AND YEAR OF MANUFACTURE

VOLKSWAGEN PASSAT 1997

SHEET NO.

40.15

INSTALLATION POSITION

Compact control units and sirens: positioned in the engine compartment on the passenger side next to the battery.

Control units and accessories: positioned under the dashboard on the driver's side.

For wire passage, use the original rubber strip on the injection unit box in the engine compartment on the driver's side.

POWER SUPPLY

Positive: connect to a branch in the fuse box.

Negative: connect to one of the manufacturer's fittings.

ENGINE IMMOBILISATION

Fuel pump: cut the green/yellow wire in the light blue 6-pin connector (no.11) on the connector plate in the foot rest on the driver's side.

Starter motor: cut the red/black wire connected to the ignition block.

N.B. Use an additional relay.

KEY POSITIVE (+15)

Connect to the black/blue wire in the yellow 10-pin connector (no.15) on the connector plate in the foot rest on the driver's side.

CENTRAL LOCKING

Negative type controls.

Connect to the red/blue wire for unlocking and red/green wire for locking, located on the locking control unit inside the door on the driver's side; select the locking time of 2".

TURNING INDICATORS

Connect to the black/white and black/green wires connected to the hazard button in the middle of the dashboard.

DOOR PROTECTION

Connect to the brown/white wire in the red 10-pin connector (no.3) on the connector plate in the foot rest on the driver's side.

BONNET AND BOOT PROTECTION

Bonnet: install the button provided in the kit.

Boot: connect to the brown/black wire of the standard courtesy light in the boot.

ELECTRIC WINDOWS

The windows are closed with the comfort function.

N.B. Use a UNIVERSAL M6, selecting the closing time of 25 sec. and opening time of 1.2 sec. Then connect to the red/blue wire for opening and red/green wire for closing, which are located on the electric window unit inside the door on the driver's side.

NOTE: For cars equipped with catalytic converter, see the section entitled "CATALYST", or cut supply to the fuel pump.



THE INFORMATION GIVEN IN THIS MANUAL IS PURELY INDICATIVE, AND SHOULD BE VERIFIED BEFORE MAKING ANY CONNECTIONS, AS THE CAR MANUFACTURER MAY MAKE MODIFICATIONS WITHOUT PRIOR NOTICE.
META SYSTEM WILL NOT ASSUME ANY RESPONSIBILITY FOR DAMAGE TO THE VEHICLE CAUSED BY INCORRECT INSTALLATION.

CAR ALARM

META SERVICE



TYPE OF CAR AND YEAR OF MANUFACTURE

VOLKSWAGEN PASSAT 1998

SHEET NO.

40.16

INSTALLATION POSITION

Compact car alarms and sirens: in the engine on the passenger side near the battery.

Control units and accessories: under the dashboard on the driver's side.

POWER SUPPLY

Positive: connect to a branch in the fuse box.

Negative: connect directly to a factory fitting.

ENGINE IMMOBILISATION

Fuel pump: cut the green/yellow wire on the light blue 6-pin connector (no. 11) located on the connector plate in the foot rest on the driver's side.

Turbo Diesel model (Tdi): cut the green/brown cable connected to the black relay of the diesel pump, located in the engine compartment on the driver's side under the control unit in a plastic container.

Starter motor: cut the red/black cable connected to the starter switch.

N.B.: use a supplementary relay.

KEY POSITIVE (+15)

Connect to the black/blue cable on the yellow 10-pin connector (no. 15) on the connector plate in the foot rest on the driver's side.

CENTRAL LOCKING

Negative type control.

Connect to the red/blue cable for unlocking and the red/green cable for locking, located in the central locking control unit inside the driver's side door.

TURNING INDICATORS

Connect to the black/white and black/green cables connected to the emergency button (hazard) in the central part of the dashboard.

DOOR PROTECTION

Connect to the brown/white cable on the green connector located in the foot rest on the driver's side.

BONNET AND BOOT PROTECTION

Bonnet: install the button provided in the kit.

Boot: connect to the brown/black cable fitted by the manufacturer, located on the overhead light.

ELECTRIC WINDOWS

Window raising is carried out in the comfort function; connect as shown in Enclosure 40.16.1 using the M140 module and setting the closure time of the alarm to 6"/25".

PASSIVE ALARM ACTUATION

Comply with the connection instructions illustrated in enclosure 40.16.2 (M750/...)

NOTE: For cars equipped with catalytic converter, see the section entitled "CATALYST", or cut supply to the fuel pump.



THE INFORMATION GIVEN IN THIS MANUAL IS PURELY INDICATIVE, AND SHOULD BE VERIFIED BEFORE MAKING ANY CONNECTIONS, AS THE CAR MANUFACTURER MAY MAKE MODIFICATIONS WITHOUT PRIOR NOTICE.
META SYSTEM WILL NOT ASSUME ANY RESPONSIBILITY FOR DAMAGE TO THE VEHICLE CAUSED BY INCORRECT INSTALLATION.

META SERVICE



TYPE OF CAR AND YEAR OF MANUFACTURE

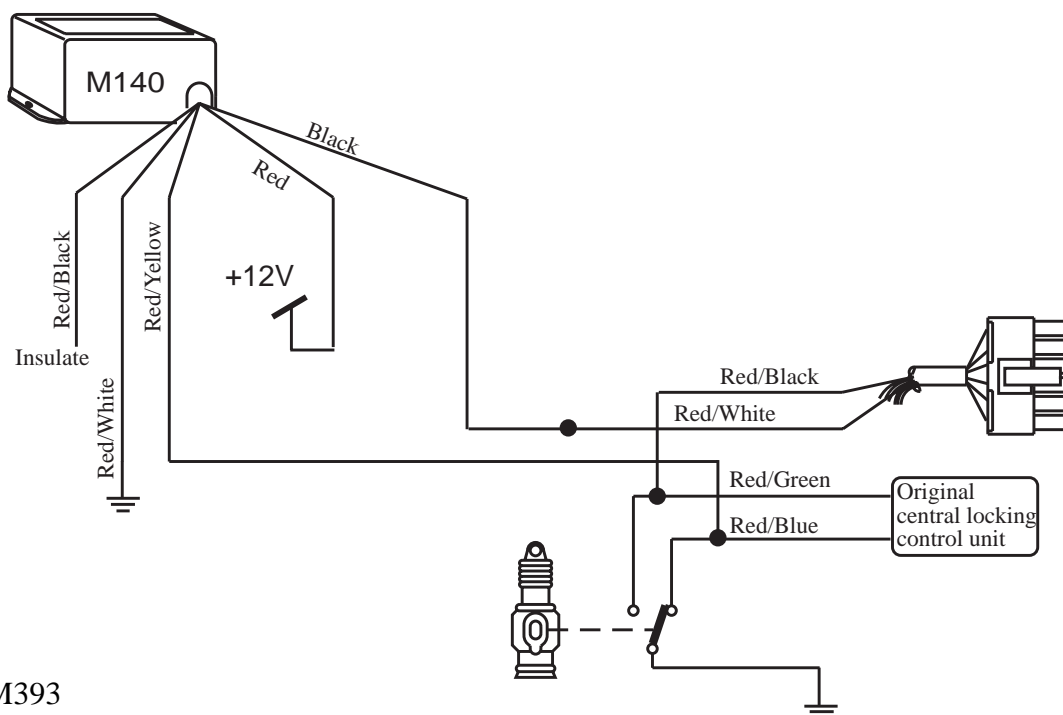
VOLKSWAGEN PASSAT 1998

ENCLOSURE

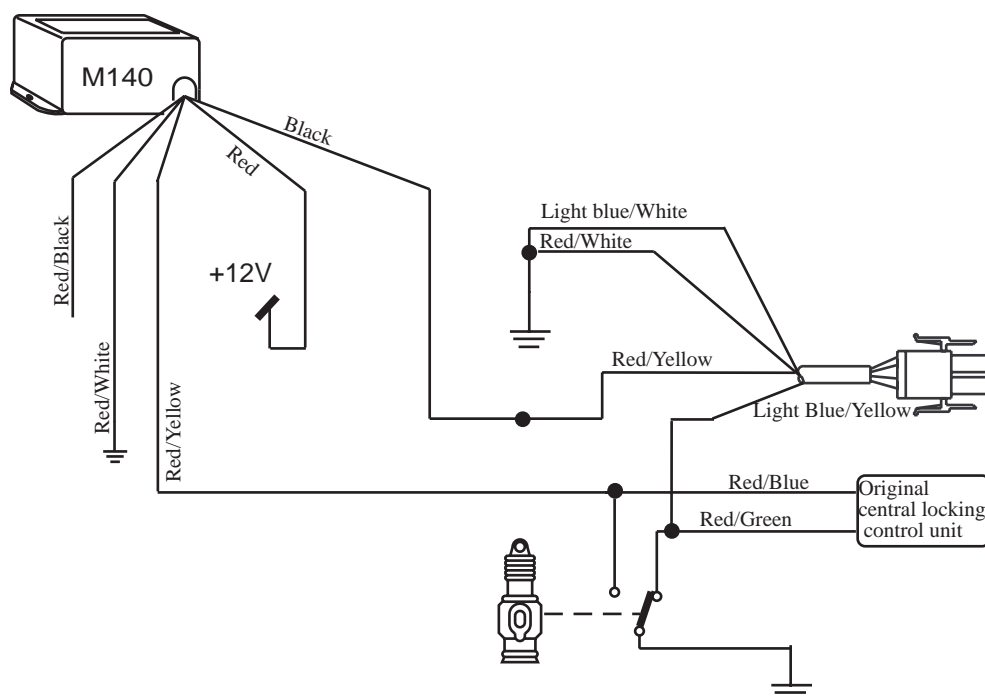
40.16.1

Application diagrams for simultaneous control of central locking, electric windows, and electric sunroof (where present) using the M140 module and car alarms:

M87AN-/M387AN-



M26/M96/M99/M399/M393



NOTE: For cars equipped with catalytic converter, see the section entitled “CATALYST”, or cut supply to the fuel pump.



THE INFORMATION GIVEN IN THIS MANUAL IS PURELY INDICATIVE, AND SHOULD BE VERIFIED BEFORE MAKING ANY CONNECTIONS, AS THE CAR MANUFACTURER MAY MAKE MODIFICATIONS WITHOUT PRIOR NOTICE. **META SYSTEM** WILL NOT ASSUME ANY RESPONSIBILITY FOR DAMAGE TO THE VEHICLE CAUSED BY INCORRECT INSTALLATION.

CAR ALARM

META SERVICE



TYPE OF CAR AND YEAR OF MANUFACTURE

VOLKSWAGEN PASSAT

ENCLOSURE

40.16.2

Installation annex M750/6 with electronic key

Function	M750 Wire Colour	Vehicle Wire Colour	Location in vehicle
CAN H line	Black/Red	Orange/Green	Pin n. 2 8-pin black connector under foot rest on Pin n. 3 driver's side.
CAN L line	Black/Purple	Orange/Brown	

WARNING: the door buttons and status of the windows are normally detected by the CAN line. Make sure that the ignition key has been removed from the ignition switch before connecting the alarm plant connector.



THE INFORMATION GIVEN IN THE MANUAL IS PURELY INDICATIVE AND SHOULD BE VERIFIED BEFORE MAKING ANY CONNECTIONS AS THE CAR MANUFACTURERS MAY MAKE MODIFICATIONS WITHOUT PRIOR NOTICE. **META SYSTEM** DECLINES ANY LIABILITY FOR DAMAGE TO THE VEHICLE CAUSED BY INCORRECT INSTALLATION.

CAR ALARM

META SERVICE



TYPE OF CAR AND YEAR OF MANUFACTURE

VOLKSWAGEN GOLF 4° 1998

SHEET NO.

40.17

INSTALLATION POSITION

Compact central units and sirens: install in the engine compartment above the brake oil reservoir on the already existing support.
Central control units and accessories: under the dashboard on the driver's side.

POWER SUPPLY

Positive: connect to a shunt in the fuse box.

Negative: to a connection pre-engineered by the car maker.

ENGINE IMMOBILISATION

Fuel pump: cut the blue/yellow wire in the 6-pin light brown connector on the connector plate in the foot rest on the driver's side.
Turbo Diesel model (Tdi): cut the black/purple wire (+15) connected to fuse N° 29 in the fuse box under the dashboard on the driver's side.

Starter motor: cut the red/black wire in the 6-pin light brown connector on the connector plate in the foot rest on the driver's side.

NOTE: use a supplementary relay.

KEY POSITIVE (+15)

Connect to the brown/red wire (position N° 3) in the 23-pin light blue connector of the black roof light control plant to the left of the steering column.

CENTRAL LOCKING

Negative command.

Connect to the yellow/green or green/brown wires (position N° 4) for unlocking and to the yellow/blue wire (position N° 24) for locking in the 29-pin connector of the central locking plant in the door on the driver's side.

The unlocking wire can be green/red in colour.

TURNING INDICATORS

Connect to the black/white wire (position N° 14) and to the black/green wire (position N° 13) in the 15-pin brown connector of the black roof light control plant to the left of the steering column, or to the same wires in positions N° 2 and 3 in the 8-pin connector of the emergency switch.

DOOR PROTECTION

Connect to the grey/blue wire (position N° 16) in the 23-pin light blue connector of the black roof light control plant to the left of the steering column.

BONNET AND BOOT PROTECTION

Bonnet: use the button in the kit. For vehicles equipped with an original alarm plant, connect to the brown/red wire (position N° 1) in the 15-pin brown connector of the black roof light control plant to the left of the steering column.

Boot: connect to the brown/black wire (position N° 15) in the 23-pin light blue connector of the black boot light fitting control plant to the left of the steering column.

ELECTRIC WINDOWS

Window raising occurs in comfort mode. Connect as indicated in annex 40.17.1 using module M140 and setting the alarm closing time to 6 sec./25 sec.

Select comfort closing mode for **M2087** and **M870**.

PASSIVE ALARM ACTUATION

Comply with the connection instructions illustrated in enclosure 4.17.2 (M750/...)

NOTE: For cars equipped with a catalytic converter, refer to the section entitled CATALYST or cut power to fuel pump.



THE INFORMATION GIVEN IN THE MANUAL IS PURELY INDICATIVE AND SHOULD BE VERIFIED BEFORE MAKING ANY CONNECTIONS AS THE CAR MANUFACTURERS MAY MAKE MODIFICATIONS WITHOUT PRIOR NOTICE. **META SYSTEM** DECLINES ANY LIABILITY FOR DAMAGE TO THE VEHICLE CAUSED BY INCORRECT INSTALLATION.

CAR ALARM

META SERVICE



TYPE OF CAR AND YEAR OF MANUFACTURE

VOLKSWAGEN GOLF 4° 1998

SHEET NO.

40.17

INSTALLATION POSITION

Compact central units and sirens: install in the engine compartment above the brake oil reservoir on the already existing support.
Central control units and accessories: under the dashboard on the driver's side.

POWER SUPPLY

Positive: connect to a shunt in the fuse box.

Negative: to a connection pre-engineered by the car maker.

ENGINE IMMOBILISATION

Fuel pump: cut the blue/yellow wire in the 6-pin light brown connector on the connector plate in the foot rest on the driver's side.

Turbo Diesel model (Tdi): cut the black/purple wire (+15) connected to fuse N° 29 in the fuse box under the dashboard on the driver's side.

Starter motor: cut the red/black wire in the 6-pin light brown connector on the connector plate in the foot rest on the driver's side.

NOTE: use a supplementary relay.

KEY POSITIVE (+15)

Connect to the brown/red wire (position N° 3) in the 23-pin light blue connector of the black roof light control plant to the left of the steering column.

CENTRAL LOCKING

Negative command.

Connect to the yellow/green or green/brown wires (position N° 4) for unlocking and to the yellow/blue wire (position N° 24) for locking in the 29-pin connector of the central locking plant in the door on the driver's side.

The unlocking wire can be green/red in colour.

TURNING INDICATORS

Connect to the black/white wire (position N° 14) and to the black/green wire (position N° 13) in the 15-pin brown connector of the black roof light control plant to the left of the steering column, or to the same wires in positions N° 2 and 3 in the 8-pin connector of the emergency switch.

DOOR PROTECTION

Connect to the grey/blue wire (position N° 16) in the 23-pin light blue connector of the black roof light control plant to the left of the steering column.

BONNET AND BOOT PROTECTION

Bonnet: use the button in the kit. For vehicles equipped with an original alarm plant, connect to the brown/red wire (position N° 1) in the 15-pin brown connector of the black roof light control plant to the left of the steering column.

Boot: connect to the brown/black wire (position N° 15) in the 23-pin light blue connector of the black boot light fitting control plant to the left of the steering column.

ELECTRIC WINDOWS

Window raising occurs in comfort mode. Connect as indicated in annex 40.17.1 using module M140 and setting the alarm closing time to 6 sec./25 sec.

Select comfort closing mode for **M2087** and **M870**.

NOTE: For cars equipped with a catalytic converter, refer to the section entitled CATALYST or cut power to fuel pump.



THE INFORMATION GIVEN IN THE MANUAL IS PURELY INDICATIVE AND SHOULD BE VERIFIED BEFORE MAKING ANY CONNECTIONS AS THE CAR MANUFACTURERS MAY MAKE MODIFICATIONS WITHOUT PRIOR NOTICE. **META SYSTEM** DECLINES ANY LIABILITY FOR DAMAGE TO THE VEHICLE CAUSED BY INCORRECT INSTALLATION.

CAR ALARM

META SERVICE



TYPE OF CAR AND YEAR OF MANUFACTURE

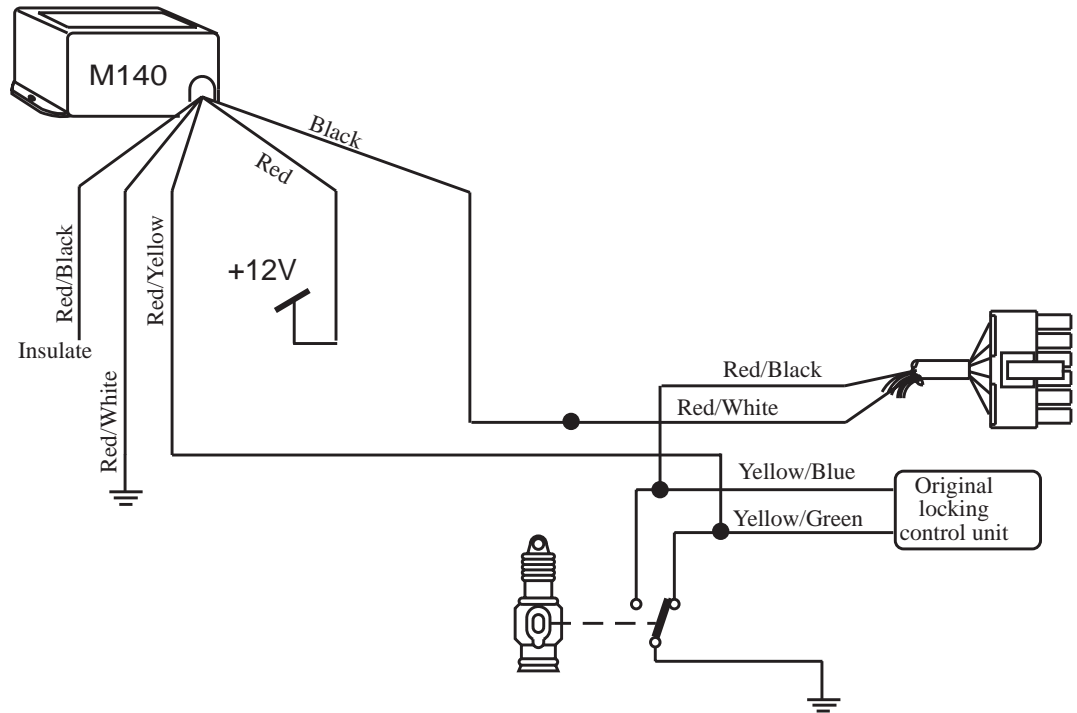
VOLKSWAGEN GOLF 4° 1998

ENCLOSURE

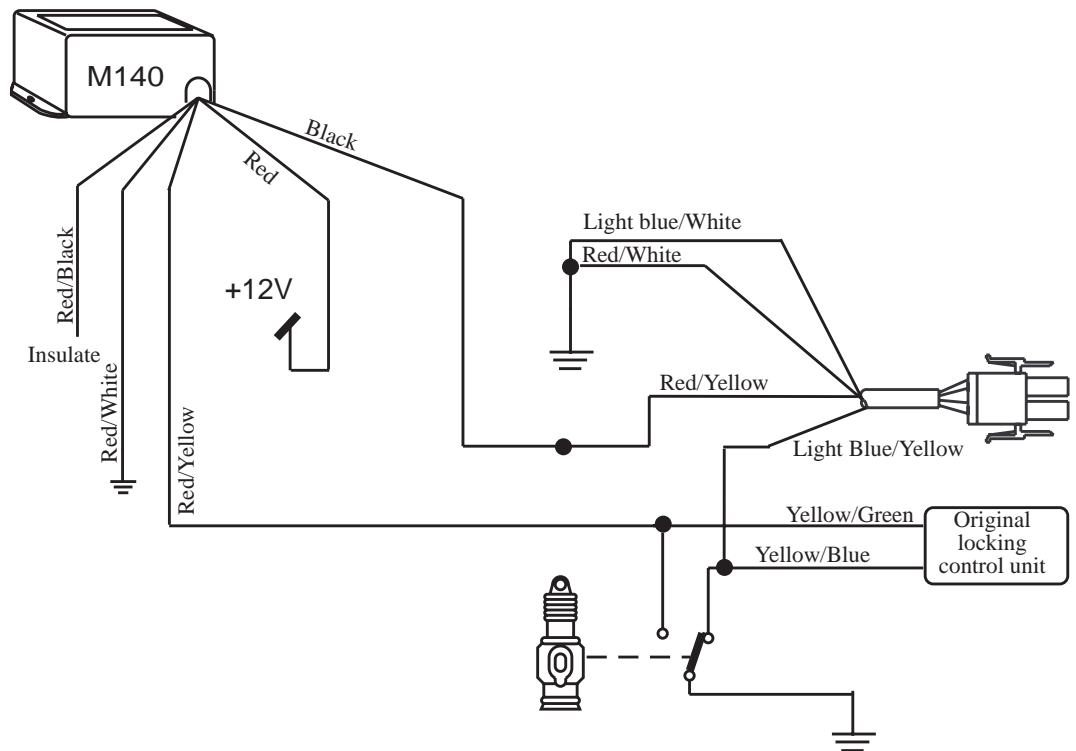
40.17.1

Application diagrams for simultaneous control of central locking, electric window raising, and sunroof closure (where present) by means of the M140 module and the anti-thefts:

M87AN-
/M387AN-



M26/M96/M99
/M399/M393



NOTE: For cars equipped with a catalytic converter, refer to the section entitled CATALYST or cut power to fuel pump.



THE INFORMATION GIVEN IN THE MANUAL IS PURELY INDICATIVE AND SHOULD BE VERIFIED BEFORE MAKING ANY CONNECTIONS AS THE CAR MANUFACTURERS MAY MAKE MODIFICATIONS WITHOUT PRIOR NOTICE. **META SYSTEM** DECLINES ANY LIABILITY FOR DAMAGE TO THE VEHICLE CAUSED BY INCORRECT INSTALLATION.

CAR ALARM

META SERVICE



TYPE OF CAR AND YEAR OF MANUFACTURE

VOLKSWAGEN GOLF IV/BORA

SHEET NO.

40.17.2

Installation annex M750/6 with electronic key

Function	M750 Wire Colour	Vehicle Wire Colour	Location in vehicle
CAN H line	Black/Red	Orange/Green	Pin n. 9 23-pin light-blue connector on original central locking plant to the left of steering column.
CAN L line	Black/Purple	Orange/Brown	Pin n. 6

WARNING: the door buttons and status of the windows are normally detected by the CAN line. Make sure that the ignition key has been removed from the ignition switch before connecting the alarm plant connector.



THE INFORMATION GIVEN IN THE MANUAL IS PURELY INDICATIVE AND SHOULD BE VERIFIED BEFORE MAKING ANY CONNECTIONS AS THE CAR MANUFACTURERS MAY MAKE MODIFICATIONS WITHOUT PRIOR NOTICE. **META SYSTEM** DECLINES ANY LIABILITY FOR DAMAGE TO THE VEHICLE CAUSED BY INCORRECT INSTALLATION.

CAR ALARM

META SERVICE



TYPE OF CAR AND YEAR OF MANUFACTURE

VOLKSWAGEN LUPO 1998

SHEET NO.

40.18

INSTALLATION POSITION

Compact central units and sirens: install in the engine compartment on driver side under the cooling liquid expansion tank.
Central control units and accessories: under the dashboard driver side above the connector carrier.

POWER SUPPLY

Positive: connect to the relay holder cross at the “+30” pre-engineering using a Ø 6 mm eyelet.
Negative: directly to the connection pre-engineered by carmaker.

ENGINE IMMOBILISATION

Fuel pump: cut the red/yellow wire (Pos. 5) in the green 10-pin connector under the dashboard driver side on the relay carrier.

KEY POSITIVE (+15)

Connect to the black wire (Pos. 4) in the green 10-pin connector under the dashboard driver side on the relay carrier.

CENTRAL LOCKING

Negative electric controls.

Connect to the blue/purple (Pos. 9) wire for opening and the grey/yellow wire (Pos. 10) for closing. Find them in the light-brown 10-pin connector in the driver side footrest.

TURNING INDICATORS

Connect to the brown/white wire (Pos. 3) and the black/green wire (Pos. 7) in the red 7-pin connector under the steering column.

DOOR PROTECTION

Connect to the brown/white wire in the wire harness down from the driver side pillar.

BONNET AND BOOT PROTECTION

Bonnet: install a double contact button because since the crosspiece is plastic, it is not earthed

Boot: install a button since the boot does not have a ceiling light.

ELECTRIC WINDOWS

Raise is in comfort function with the anti-theft arm delayed 6”/25” and using the M140 opening time reducing module.

Select the comfort closing time for the M2087 and M870.

NOTE: For cars equipped with a catalytic converter, refer to the section entitled CATALYST or cut power to fuel pump.



THE INFORMATION GIVEN IN THE MANUAL IS PURELY INDICATIVE AND SHOULD BE VERIFIED BEFORE MAKING ANY CONNECTIONS AS THE CAR MANUFACTURERS MAY MAKE MODIFICATIONS WITHOUT PRIOR NOTICE. **META SYSTEM** DECLINES ANY LIABILITY FOR DAMAGE TO THE VEHICLE CAUSED BY INCORRECT INSTALLATION.

CAR ALARM

META SERVICE



TYPE OF CAR AND YEAR OF MANUFACTURE

VOLKSWAGEN NEW BEETLE

SHEET NO.

40.19

INSTALLATION POSITION

Central control units and accessories: install in the foot rest on the driver's side.

Compact central units and sirens: in the engine compartment on the passenger's side near the headlight.

POWER SUPPLY

Positive: connect to a shunt in the fuse box.

Negative: to a connection pre-engineered by car maker.

ENGINE IMMOBILISATION

Fuel pump: cut the light blue/yellow wire in the bundle in the foot rest on the driver's side.

Starter motor: cut the red/white wire in the 2-pin black connector of the button fixed to the clutch pedal. NOTE: use an additional relay.

KEY POSITIVE (+15)

Connect to the yellow/red wire (position N° 3) in the light blue connector of the plant to the left of the steering column.

CENTRAL LOCKING

Negative control.

Connect to the white/green wire for unlocking and to the yellow/light blue wire for locking, in the bundle inside the door on the driver's side.

TURNING INDICATORS

Connect to the black/white and black/green wires in the bundle in the foot rest on the driver's side.

DOOR PROTECTION

Connect to the brown/yellow wire (position N° 16) in the light blue connector of the plant to the left of the steering column.

BONNETS PROTECTION

Bonnet: use the button in the kit, or connect to the brown/red wire (position N° 1) in the light brown connector of the plant to the left of the steering column.

Boot: connect to the brown/black wire (position N° 15) in the light blue connector of the plant to the left or the steering column, or in the bundle of wires in the foot rest on the driver's side.

ELECTRIC WINDOWS

The windows are raised in comfort mode. Select the long 6 sec./25 sec.) alarm closing time and use module M140.

Select comfort closing for **M2087** and **M870**.

PASSIVE ALARM ACTUATION

Comply with the connection instructions illustrated in enclosure 40.19.1 (M750/...)

NOTE: For cars equipped with a catalytic converter, refer to the section entitled CATALYST or cut power to fuel pump.



THE INFORMATION GIVEN IN THE MANUAL IS PURELY INDICATIVE AND SHOULD BE VERIFIED BEFORE MAKING ANY CONNECTIONS AS THE CAR MANUFACTURERS MAY MAKE MODIFICATIONS WITHOUT PRIOR NOTICE. **META SYSTEM** DECLINES ANY LIABILITY FOR DAMAGE TO THE VEHICLE CAUSED BY INCORRECT INSTALLATION.

CAR ALARM

META SERVICE



TYPE OF CAR AND YEAR OF MANUFACTURE

VOLKSWAGEN NEW BEETLE

SHEET NO.

40.19.1

Installation annex M750/6 with electronic key

Function	M750 Wire Colour	Vehicle Wire Colour	Location in vehicle
CAN H line	Black/Red	Yellow	Pin n. 9 23-pin light-blue connector on original central locking plant to the left of steering column.
CAN L line	Black/Purple	Black	Pin n. 6

WARNING: the door buttons and status of the windows are normally detected by the CAN line. Make sure that the ignition key has been removed from the ignition switch before connecting the alarm plant connector.



THE INFORMATION GIVEN IN THE MANUAL IS PURELY INDICATIVE AND SHOULD BE VERIFIED BEFORE MAKING ANY CONNECTIONS AS THE CAR MANUFACTURERS MAY MAKE MODIFICATIONS WITHOUT PRIOR NOTICE. **META SYSTEM** DECLINES ANY LIABILITY FOR DAMAGE TO THE VEHICLE CAUSED BY INCORRECT INSTALLATION.

CAR ALARM

META SERVICE



TYPE OF CAR AND YEAR OF MANUFACTURE

VOLKSWAGEN SHARAN 1999

SHEET NO.

40.20

INSTALLATION POSITION

Compact central units and sirens: install in the engine compartment on the driver's side between the shock absorber and battery.
Central control units and accessories: under the dashboard on the driver's side.

POWER SUPPLY

Positive: connect to a shunt in the fuse box.

Negative: to a connection pre-engineered by the car maker.

ENGINE IMMOBILISATION

The vehicle is equipped with an original transponder engine immobiliser which activates automatically when the ignition key is removed from the ignition switch.

KEY POSITIVE (+15)

Connect to the black/white wire on a level with fuse N° 32 in the fuse box.

CENTRAL LOCKING

Positive command.

Connect to the grey wire (position N° 25) for locking and to the green/red wire (position N° 17) for unlocking in the green connector coded P6 to the right of the central locking plant under the steering column above the fuses.

TURNING INDICATORS

Connect to the black/white wire (position N° 5) and black/green wire (position N° 6) in the 8-pin black connector of the central locking plant under the steering column above the fuses.

DOOR PROTECTION

Connect to the brown/white wire leading down from the pillar on the driver's side after the timer.

BONNET AND BOOT PROTECTION

Bonnet: use the button in the pack.

Boot: connect to the brown/yellow wire (position N° 2) in the connector coded P4 of the central locking plant under the steering column above the fuses.

ELECTRIC WINDOWS

Window raising occurs in comfort mode by extending the alarm closing time to 25 sec.

NOTE: For cars equipped with a catalytic converter, refer to the section entitled CATALYST or cut power to fuel pump.



THE INFORMATION GIVEN IN THE MANUAL IS PURELY INDICATIVE AND SHOULD BE VERIFIED BEFORE MAKING ANY CONNECTIONS AS THE CAR MANUFACTURERS MAY MAKE MODIFICATIONS WITHOUT PRIOR NOTICE. **META SYSTEM** DECLINES ANY LIABILITY FOR DAMAGE TO THE VEHICLE CAUSED BY INCORRECT INSTALLATION.

CAR ALARM

META SERVICE



TYPE OF CAR AND YEAR OF MANUFACTURE

VOLKSWAGEN POLO '99

SHEET NO.

40.21

INSTALLATION POSITION

Compact central units and sirens: install in the engine compartment near the cooling fluid reservoir.

Central control units and accessories: behind the glove compartment on the passenger's side.

POWER SUPPLY

Positive: connect to a shunt in the fuse box.

Negative: directly to the connection pre-engineered by the car maker.

ENGINE IMMOBILISATION

Fuel pump: cut the red/yellow wire in the bundle of wires under the foot rest on the driver's side.

Turbo Diesel model (Tdi): cut the 1 mm_ section black wire connected to the 3A fuse in the fuse box under the dashboard on the driver's side.

Starter motor: cut the red/black wire connected to the ignition switch.

NOTE: use a supplementary relay.

KEY POSITIVE (+15)

Connect to the black wire in the green connector on the connector plate under the dashboard on the driver's side.

CENTRAL LOCKING

Positive commands.

Connect to the red/blue wire (pos. N° 3) for locking and to the red/green wire for unlocking in the 6-pin black connector in the wiring on the output from the door on the driver's side.

TURNING INDICATORS

Connect to the black/white wire (pos. N° 8) in the 8-pin light blue connector, and to the black/green wire (pos. N° 1) in the 8-pin black connector in the fuse box.

DOOR PROTECTION

Connect to the brown/white wire in the 3-pin black connector in the foot rest on the driver's side.

BONNET AND BOOT PROTECTION

Bonnet: use the button in the kit.

Boot: connect to the brown/white wire in the boot light fitting.

NOTE: For cars equipped with a catalytic converter, refer to the section entitled CATALYST or cut power to fuel pump.



THE INFORMATION GIVEN IN THE MANUAL IS PURELY INDICATIVE AND SHOULD BE VERIFIED BEFORE MAKING ANY CONNECTIONS AS THE CAR MANUFACTURERS MAY MAKE MODIFICATIONS WITHOUT PRIOR NOTICE. **META SYSTEM** DECLINES ANY LIABILITY FOR DAMAGE TO THE VEHICLE CAUSED BY INCORRECT INSTALLATION.

CAR ALARM

META SERVICE



TYPE OF CAR AND YEAR OF MANUFACTURE

VOLKSWAGEN POLO 2000

ENCLOSURE

40.22

INSTALLATION POSITION

Compact central units and sirens: install in the engine compartment on the driver's side on the shock absorber support.
Central control units and accessories: under the dashboard on the driver's side.

POWER SUPPLY

Positive: connect to a shunt in the fuse box.
Negative: directly to a connection pre-engineered by the car maker.

ENGINE IMMOBILISATION

The vehicle is equipped with an original transponder engine immobiliser which activates automatically when the ignition key is removed.

KEY POSITIVE (+15)

Connect to the white/grey wire behind the light switch.

CENTRAL LOCKING

Positive command.
Connect to the white/yellow wire for locking and to the white/green wire for unlocking, on the output from the door on the driver's side.

TURNING INDICATORS

Connect to the black/green wire (position N° 1) in the 10-pin black connector and to the black/white wire (position N° 8) in the 10-pin light blue connector on the connector support behind the fuse box.

DOOR PROTECTION

Connect to the brown/white wire (position N° 3) in the 10-pin black connector in the foot rest on the driver's side.

FOR VEHICLES EQUIPPED WITH THE ORIGINAL REMOTE CONTROL

For the left door, connect to the light blue wire (position N° 4) in the 15-pin light brown connector and for all the other doors connect to the brown/white wire (position N° 2) in the 23-pin light blue connector of the radio receiver plant behind the fuse box.

BONNET PROTECTION

Bonnet: use the button in the kit.

Bonnet: connect to the brown/red wire in the standard boot light fitting.

FOR VEHICLES EQUIPPED WITH THE ORIGINAL REMOTE CONTROL

Bonnet: connect to the yellow/brown wire (position N° 1) in the 15-pin light brown connector in the radio receiver plant behind the fuse box.

Boot: connect to the yellow/black wire (position N° 15) in the 23-pin light blue connector of the radio receiver plant behind the fuse box.

ELECTRIC WINDOWS

The windows are raised in comfort mode by lengthening the locking time of the alarm to 25 sec.

PASSIVE ALARM ACTUATION

Comply with the connection instructions illustrated in enclosure 40.22.1 (M750/...)



THE INFORMATION GIVEN IN THE MANUAL IS PURELY INDICATIVE AND SHOULD BE VERIFIED BEFORE MAKING ANY CONNECTIONS AS THE CAR MANUFACTURERS MAY MAKE MODIFICATIONS WITHOUT PRIOR NOTICE. **META SYSTEM** DECLINES ANY LIABILITY FOR DAMAGE TO THE VEHICLE CAUSED BY INCORRECT INSTALLATION.

CAR ALARM

META SERVICE



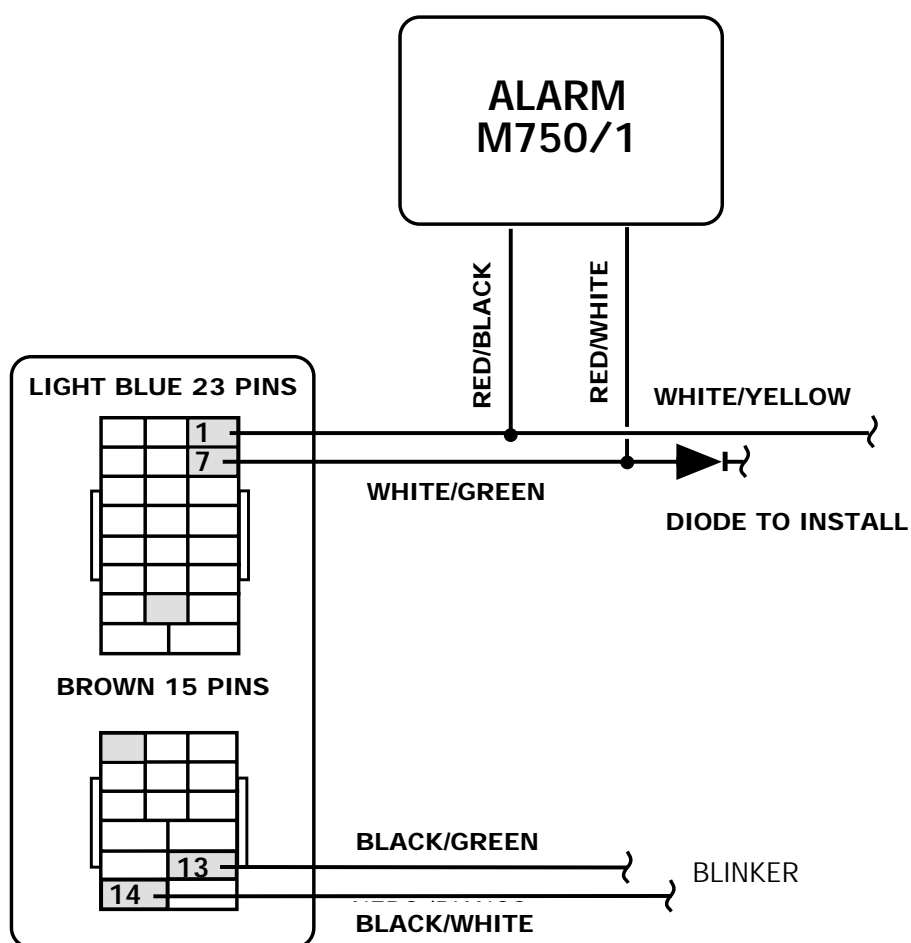
TYPE OF CAR AND YEAR OF MANUFACTURE

VOLKSWAGEN POLO 2000

ENCLOSURE

40.22.1

INSTALLATION ANNEX 750/1 with electronic key SET UP: Positive



THE INFORMATION GIVEN IN THE MANUAL IS PURELY INDICATIVE AND SHOULD BE VERIFIED BEFORE MAKING ANY CONNECTIONS AS THE CAR MANUFACTURERS MAY MAKE MODIFICATIONS WITHOUT PRIOR NOTICE. **META SYSTEM** DECLINES ANY LIABILITY FOR DAMAGE TO THE VEHICLE CAUSED BY INCORRECT INSTALLATION.