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90/90

Heated seat elements

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- removing/installing
(w/o power seats) 74.2

Coupe

Heated seat elements

- removing/installing
(w/power seats) 74.24
- removing/installing
(w/o power seats) 74.17

Heated seat elements, removing/installing

(Vehicles without power seats)

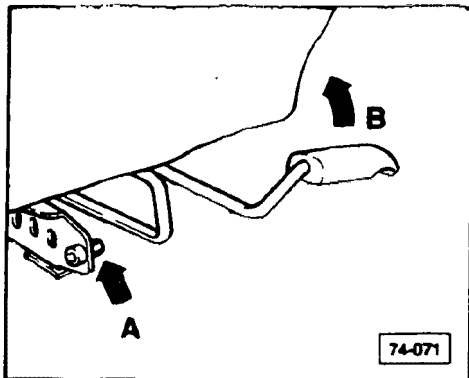
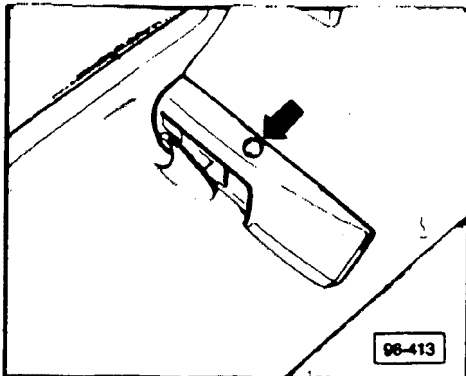
Note

Always refer to appropriate wiring diagram when performing electrical repairs.

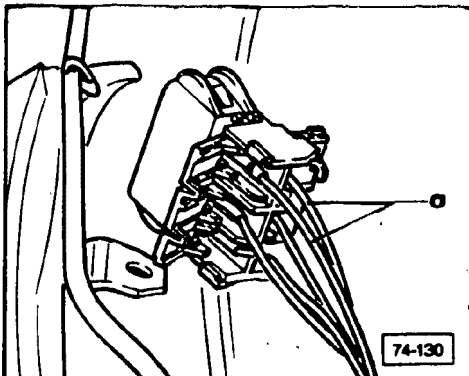
- disconnect battery ground strap

Seat element, removing

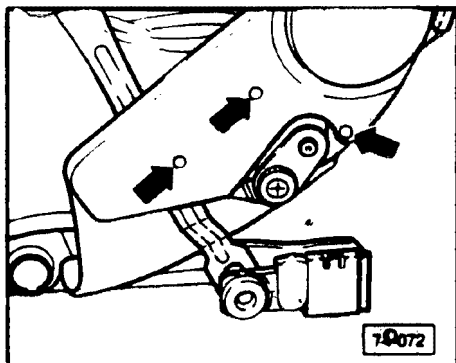
- remove screw (arrow)
- take off seat track covers



- remove bolt (arrow A)
- pull up lever (arrow B), carefully remove seat from tracks toward rear
 - do not damage carpeting
- disconnect electrical wiring to seat, remove seat from vehicle
- disconnect heated seat element from seat frame



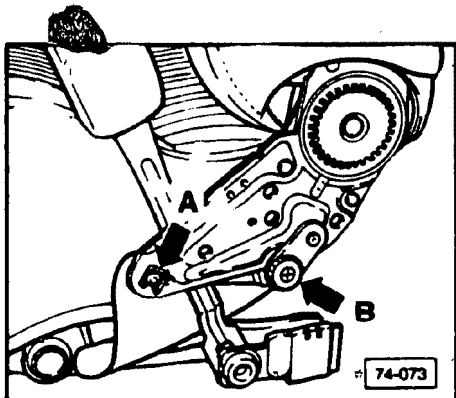
- open rear connector cover, pull off connector a for seatback element
 - terminals 3, 6



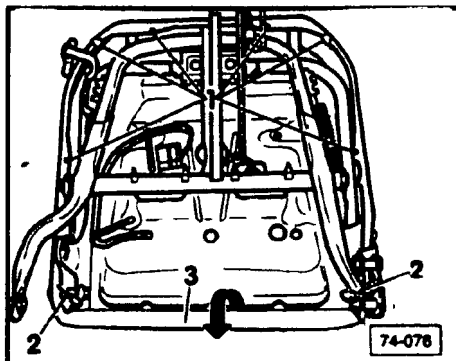
- drive in retaining pins on both sides (arrows), and remove trim

Note

Retaining pins are of different lengths



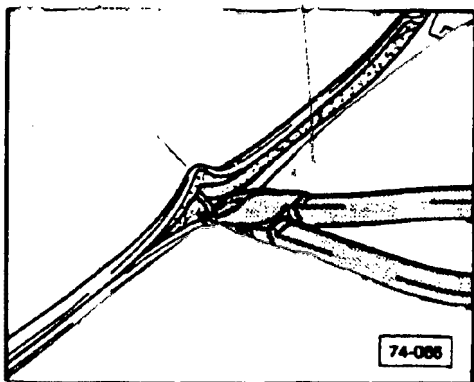
- remove lock washers (arrow A) on both sides
- unscrew mounting bolts from both sides (arrow B)



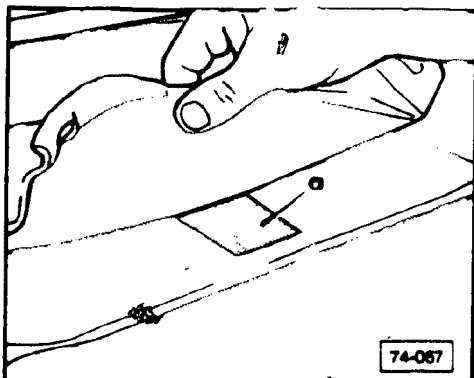
- separate and remove seat backrest from seat frame
- unhook tension wire 2 on both sides
- pry off cover reinforcement 3
- bend open upholstery hooks 1
- unhook and remove seat cover
- fold back cover

CAUTION

Part numbers are for reference only.
Always check with your Parts
Department for latest parts information.



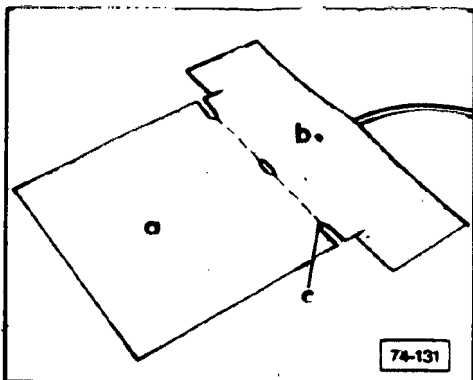
- but clips (as shown)



- carefully remove seat element from upholstery
 - adhesive strip a remains on cushion
 - warm adhesive strip with hot air blower to aid in removal of heat element

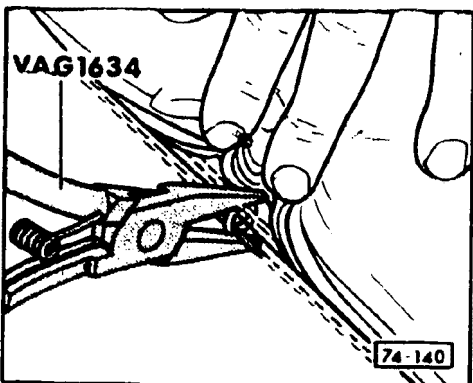
Note

Heating element is bonded to cushion as of 9/89



- cut through old heating element at c
- remove section b with connector wire
 - part a remains on cushion

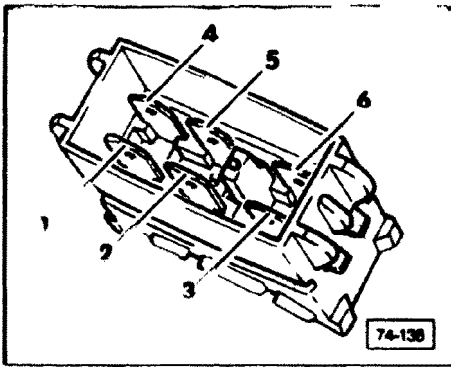
Seat element, installing



CAUTION

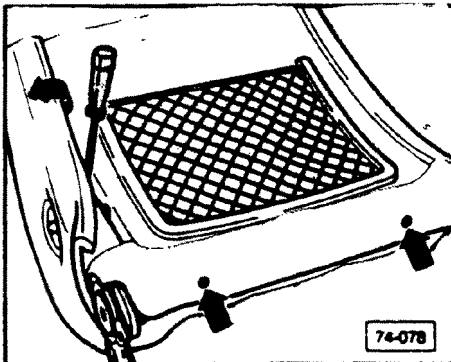
Part numbers are for reference only. Always check with your Parts Department for latest parts information.

- install replacement element over old element with universal adhesive Part No. D 001 200 or equivalent
- use upholstery pliers V.A.G 1634 or equivalent to install clips



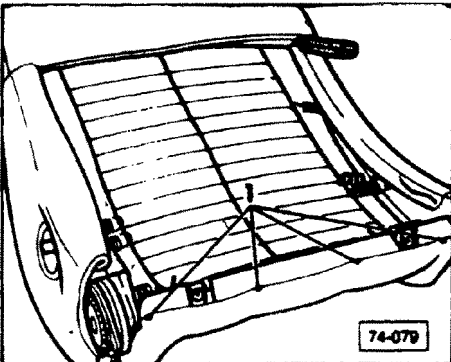
Seat connector, contact locations

- 1 — seat heat element 1.0 mm² (wire diameter)
- 2 — temperature sensor 0.5 mm² (wire diameter)
- 3 — seatback heat element
- 4 — temperature sensor 0.5 mm² (wire diameter)
- 5 — seat heat element 1.0 mm² (wire diameter)
- 6 — seatback heat element



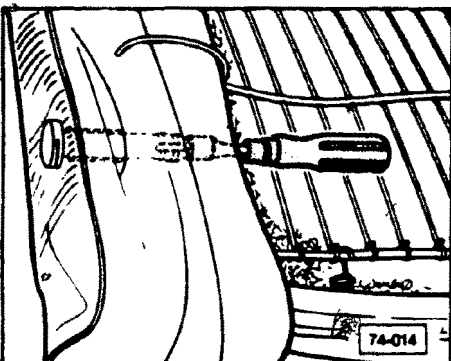
Seatback element, removing

- remove seat from vehicle
- remove seatback
- unscrew trim mounting bolts for trim (arrows)
- pry out seatback cover, as shown
- remove trim from below



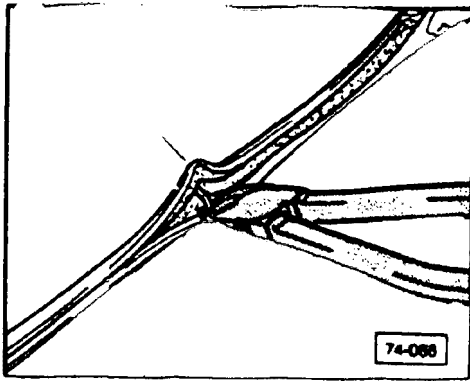
Standard seatback

- remove headrest
- pry off adjustment knob trim, remove screw
- take off adjustment knob
- loosen cover from seatback frame
- carefully pry off cover from top with screwdriver
 - bend open hooks 1



- press out headrest guides with 10 mm (25/64 in) wrench

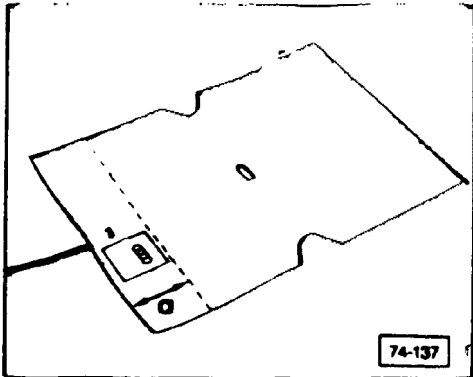
Body – Seat Upholstery



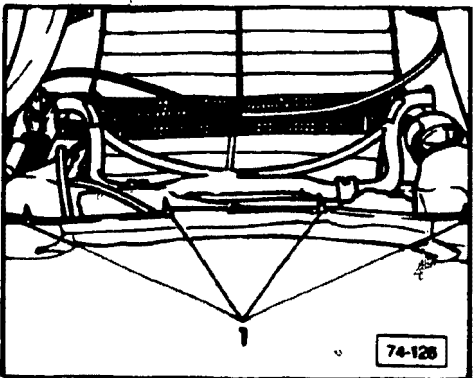
- turn cover over, cut through clips (as shown)
- remove cover element with connector

Note

Heating element is now bonded to cushion as of 9/89

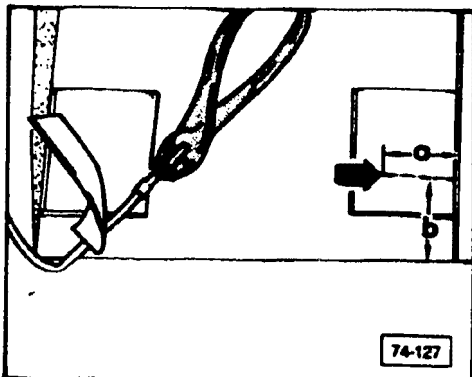


- cut through bonded element as shown
 - - approximately 80 cm (approximately 31 in.)
- remove section with electrical wires

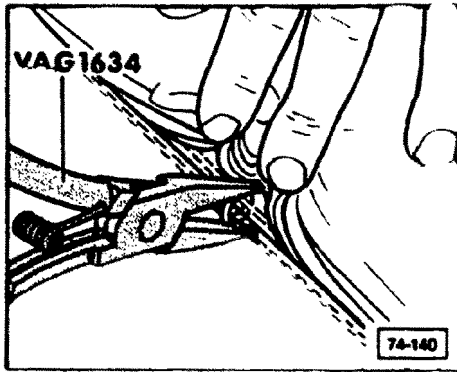


Sport seatback

- bend open upholstery hooks 1. unhook cover
- pull up seatback center portion
- loosen cover from inner material layer
 - mark ends with felt tip pen for adhesive strip
- remove intermediate layer



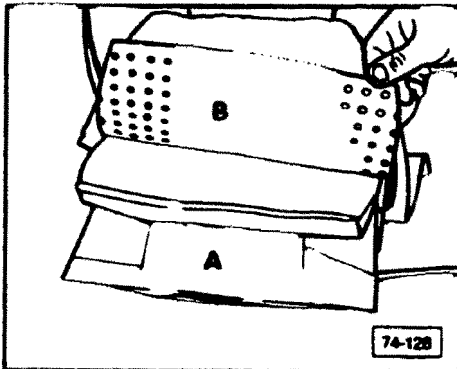
- cut electrical wire to defective element
- cut slit into foam as shown
 - a - approximately 4.0 cm (approximately 1.6 in.)
 - b - approximately 6.0 cm (approximately 2.3 in.)



Seatback elements, installing

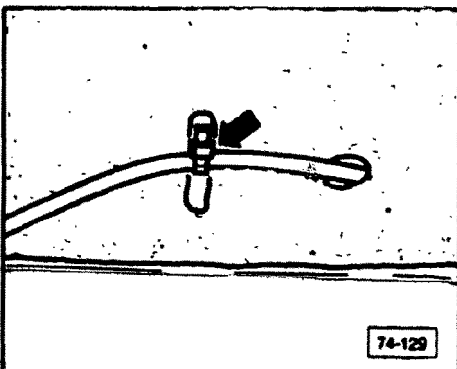
Standard seatback

- bond replacement element over remaining old element with universal adhesive Part No. D 001 200 or equivalent
- use upholstery pliers VAG 1634 or equivalent to install clips

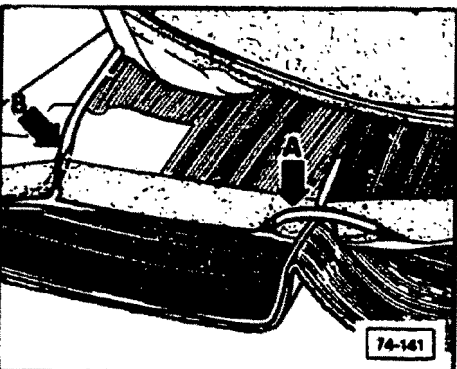


Sport seatback

- remove protective film from replacement element B
- install element B on foam A
 - keep wrinkle free
 - repeat for rest of element

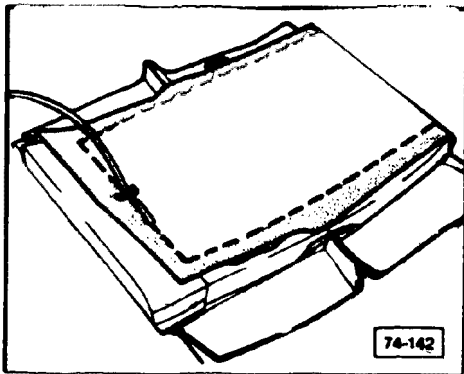


- route replacement element connector wire through slit and secure with tie wrap

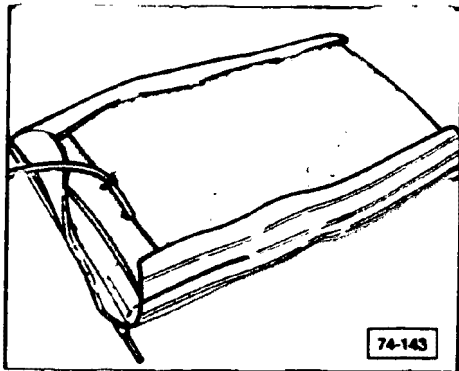


Note

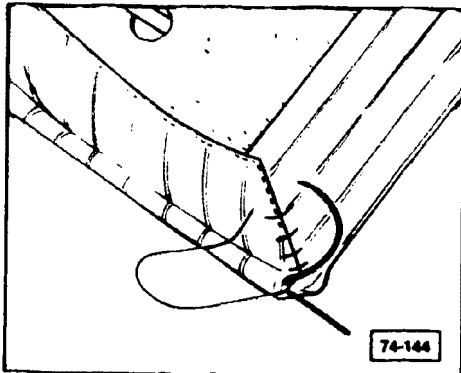
DO NOT bend wire A. cable guide B



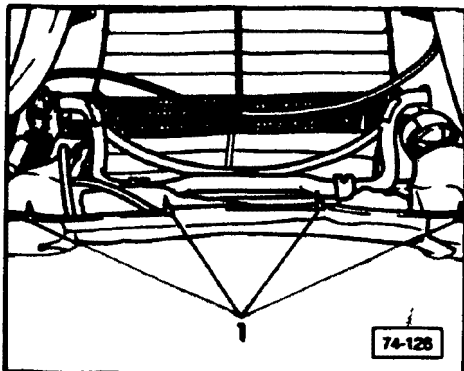
- glue adhesive strip onto intermediate layer as marked
- padded side of adhesive strip is glued on ends of inside of cover material



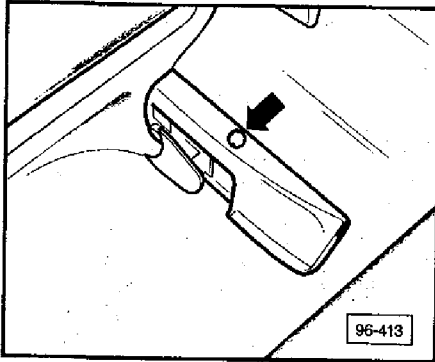
- ensure seat cover is placed evenly pulled tight and secured to adhesive strip



- sew cover corners by hand



- turn seatback center section over
- bend over hooks 1 to secure
- reinstall all other components in reverse order of removal
- reconnect battery ground strap
- check seat for proper function

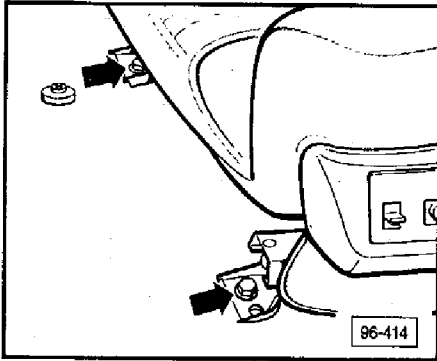


Heated seat element, removing/ installing

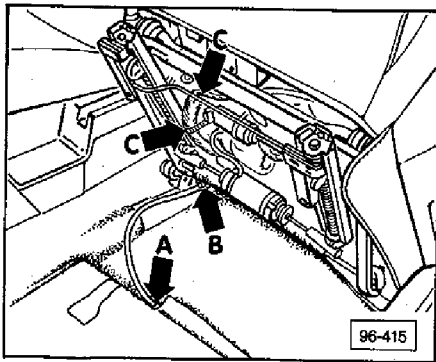
(Vehicles with power seats)

Seat element, removing

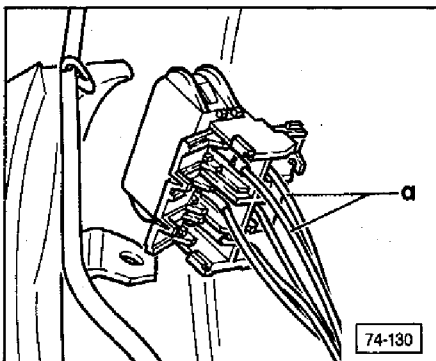
- remove cap and screw (arrow)
- take off seat track covers
- remove covers from front



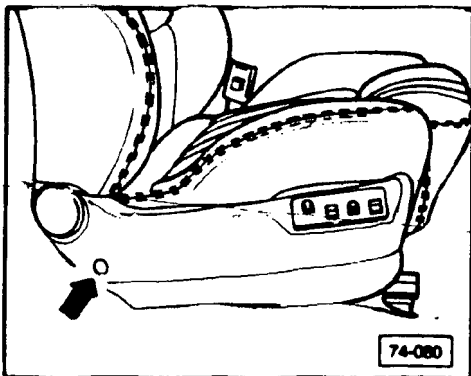
- move seat fully to rear, then raise fully at front and remove bolts (arrows)
- disconnect battery ground strap



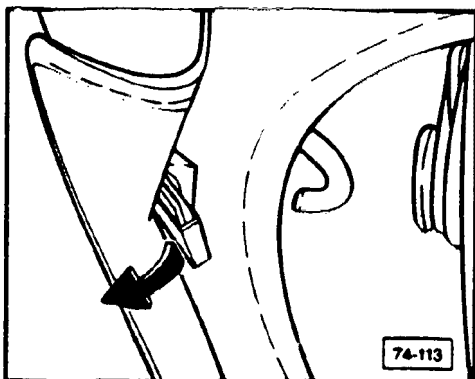
- lift seat at rear, cut off tie wrap A
- push seat to rear and lean back
 - take care not to damage carpeting
- open cable mounting B, cut tie wraps C
- disconnect plug connectors
- remove seat from vehicle
- disconnect 6 point connector from driver's seat control unit
 - 2 point connector on passenger seat
- remove connector for heated seat from seat frame



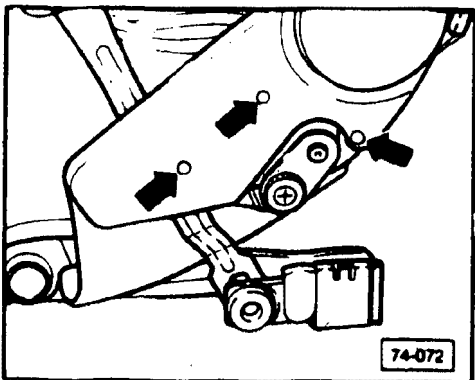
- open flaps at rear and remove wires a for seatback heat element
 - contacts 3, 6



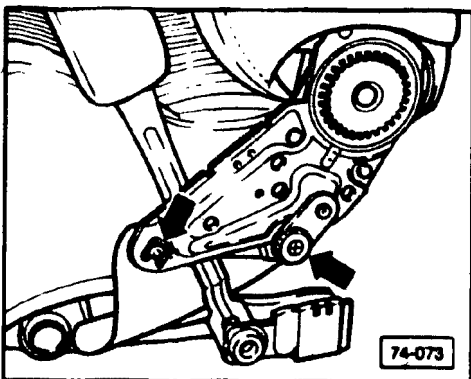
- pry off cover cap (arrow) unscrew mounting bolts



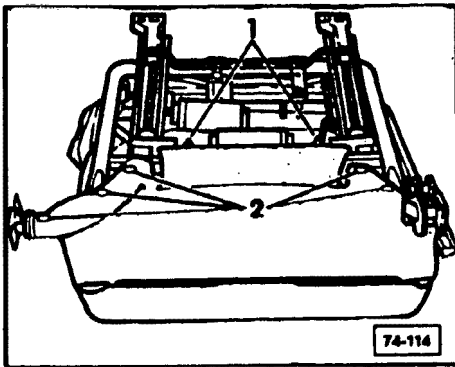
- pry out retaining pin
- unhook side trim from switch trim on seat frame and remove



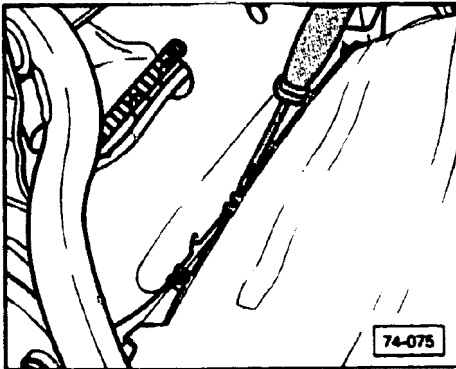
- push pins in from opposite side (arrows)
 - pins are of different length



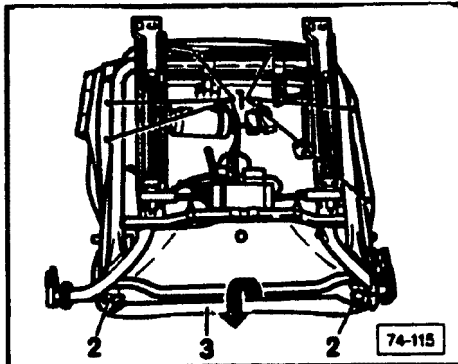
- remove left/right screws, washers from stop pins (arrows)
- pull apart seatback mounting, remove seat back



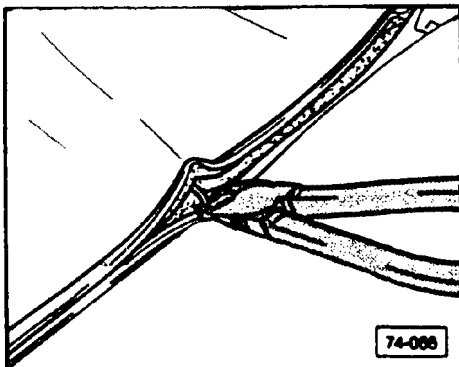
- bend open upholstery hooks 1 unhook lower upholstery trim
- pry out clips 2



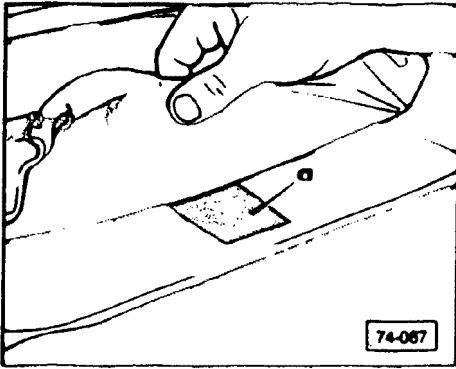
- fold over trim material
- carefully pry off mounting clips with screwdriver
- remove trim from bottom



- bend open wire 2 on both sides
- pry out clips 1
- pry off cover reinforcement 3
- fold over seat cover



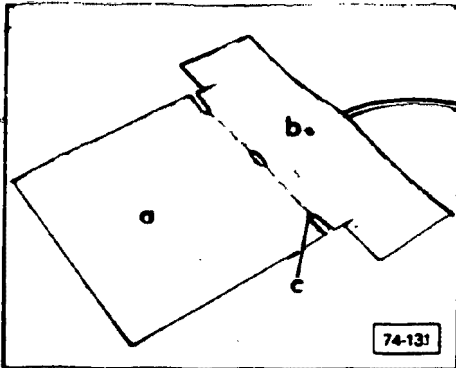
- cut off clips and remove seat cover



- remove heat element with connector from cushion
 - adhesive strip a must remain on cushion
 - heat a with hot air blower if necessary to facilitate removal of heat element

Note

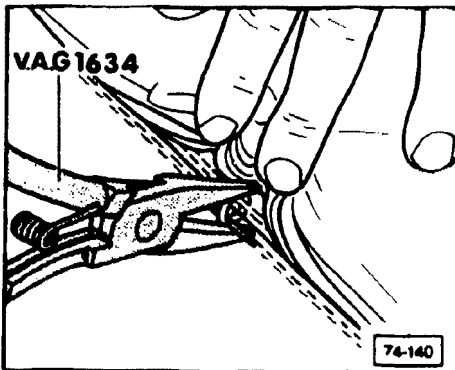
Heating element is bonded to cushion as of 9/89



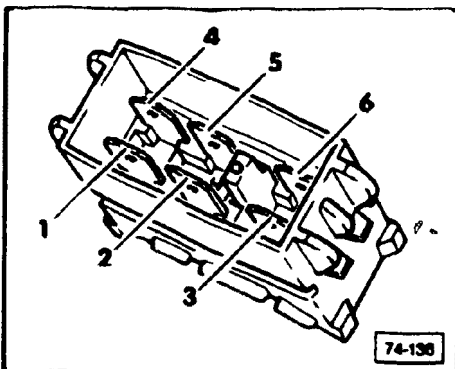
- cut through heating element at c
- remove section b with electrical connector
 - section a remains on cushion

Seat element, installing

- bond replacement element over remaining portion of old element with universal adhesive Part No. D 001 200 or equivalent

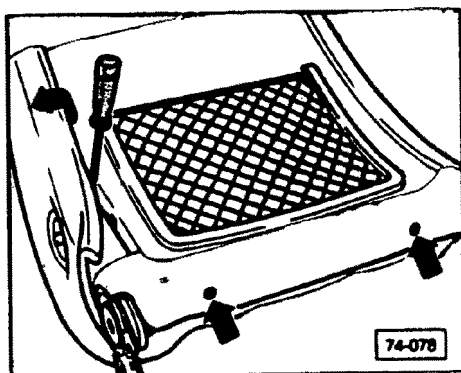


- use upholstery pliers VAG1634 or equivalent to install clips



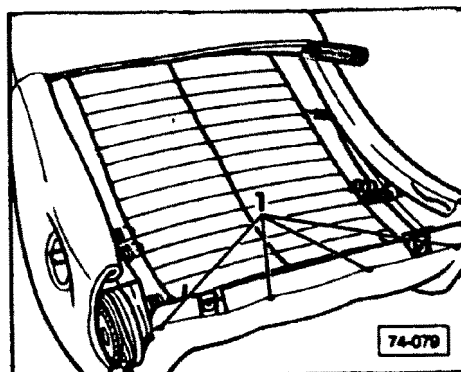
Seat connector, contact locations

- 1 — seat heat element 1.0 mm² (wire diameter)
- 2 — temperature sensor 0.5 mm² (wire diameter)
- 3 — seatback heat element
- 4 — temperature sensor 0.5 mm² (wire diameter)
- 5 — seat heat element 1.0 mm² (wire diameter)
- 6 — seatback heat element



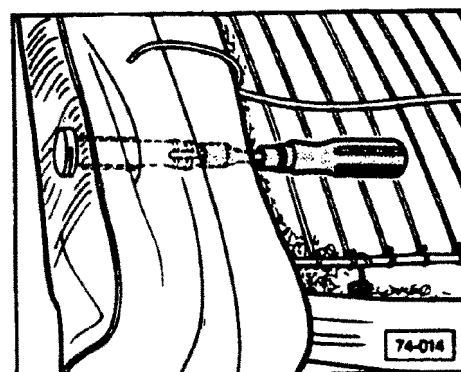
Seatback element, removing

- remove seat from vehicle
- remove seatback
- unscrew trim mounting bolts for trim (arrows)
- pry out seatback cover (as shown)
- remove trim from below

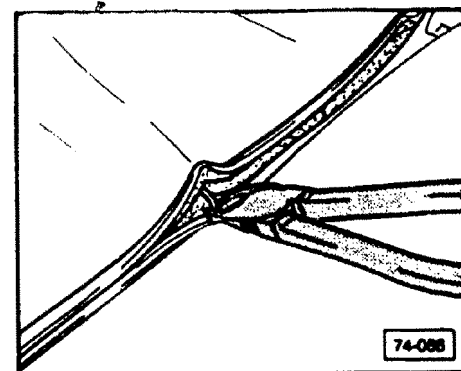


Standard seatback

- remove headrest
- pry off adjustment knob trim, remove screw
- take off adjustment knob
- loosen cover from seatback frame
- carefully pry off cover from top with screwdriver
 - bend open hooks 1



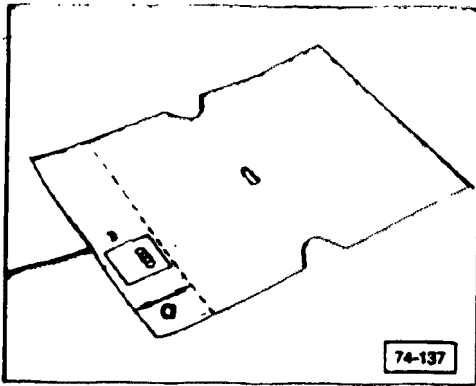
- press out headrest guides with 10 mm (25/64 in.) wrench



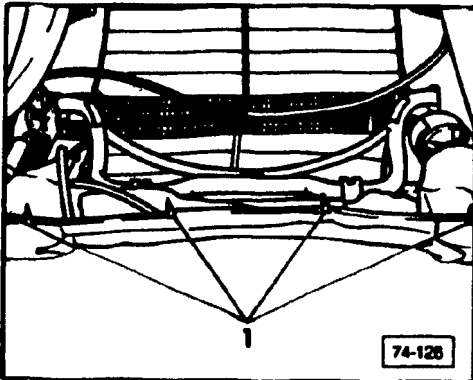
- turn cover over, cut through clips (as shown)
- remove cover, element with connector

Note

Heating element is now bonded to cushion as of 9/89.

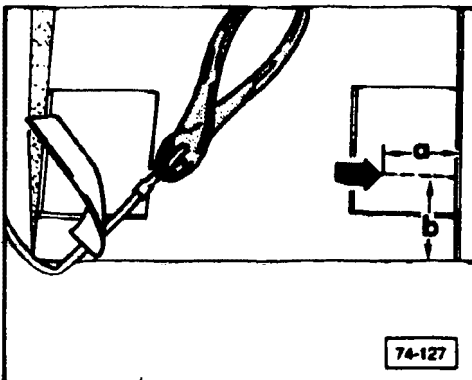


- cut glued backrest element as shown
 - – approximately 8.0 cm (approximately 3.1 in.)
- remove section with electrical wires

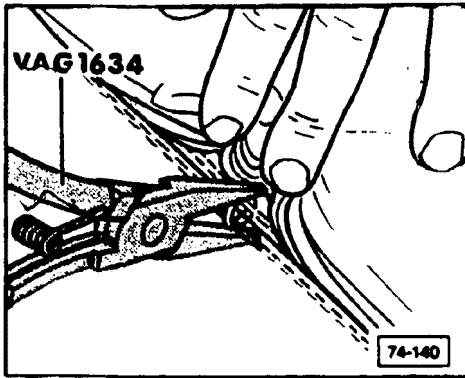


Sport seatback

- bend open upholstery hooks 1, unhook cover
- raise seatback center portion
 - mark ends with felt tip pen for adhesive strip
- remove intermediate layer



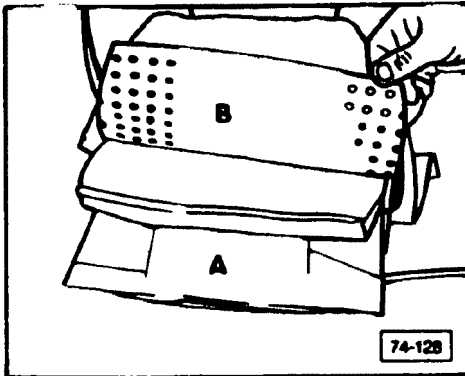
- cut electrical wire to defective element
- cut slit on foam as shown
 - — approximately 4.0 cm (approximately 1.6 in.)
 - — approximately 6.0 cm (approximately 2.3 in.)



Seatback element, installing

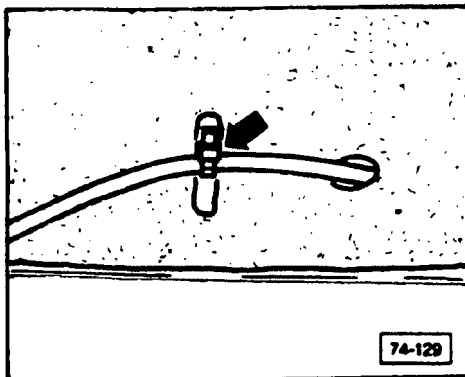
Standard seatback

- bond replacement element over remaining old element
- use upholstery pliers **VAG 1634** or equivalent to install clips

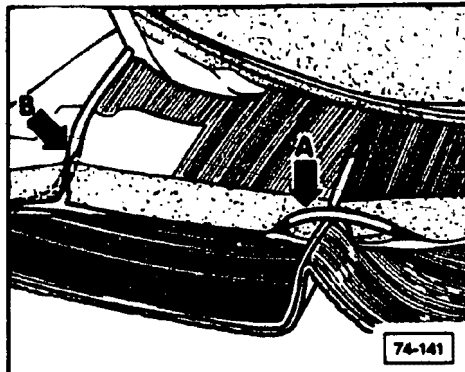


Sport seatback

- remove protective film from replacement element **B**
- install replacement element onto foam **A**
 - keep free from wrinkles
 - repeat for rest of element

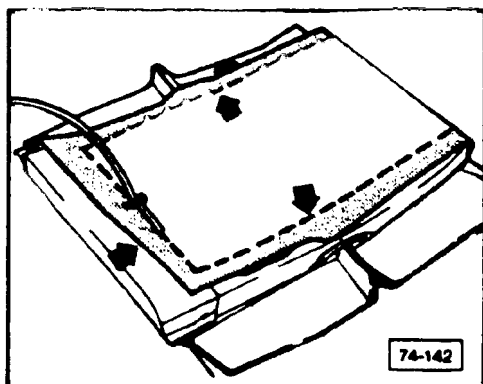


- route and fasten new element through slit (**arrow**) and secure with tie wrap

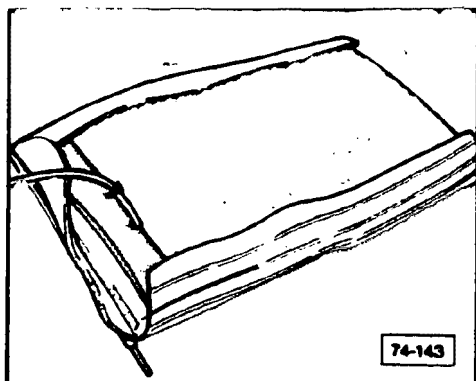


Note

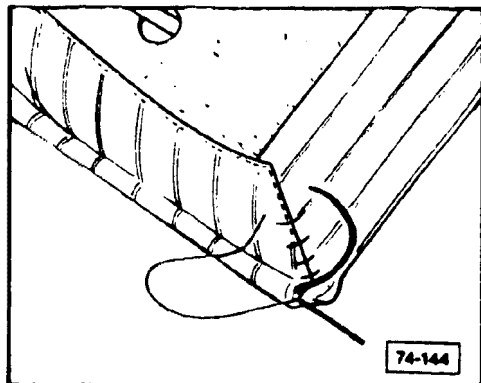
Do not bend wire **A**, cable guide **B**



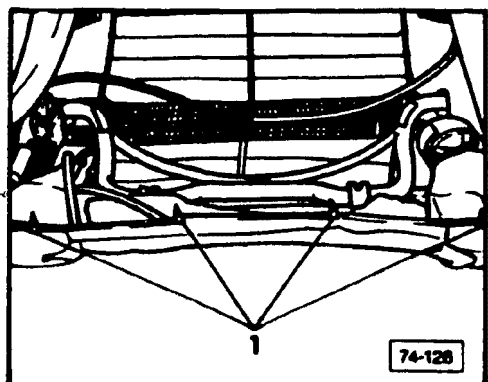
- glue velcro tape onto intermediate layer as marked (arrows)
- padded side of velcro tape is glued on ends of inside of cover material



- ensure seat cover is placed evenly tightly and secured to velcro tape



- sew cover corners by hand



- turn over seatback center section, hook and bend over hooks 1
- reinstall all other components in reverse order of removal
- reconnect battery ground strap
- check seat for proper function

Heated seat elements, removing/ installing

(Vehicles without power seats)

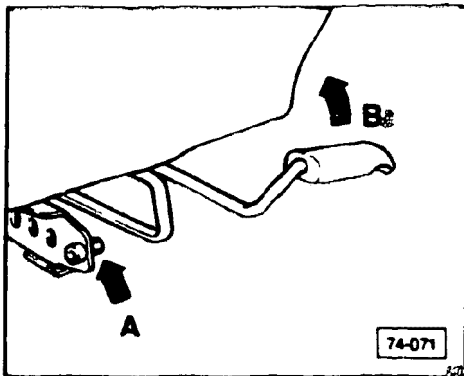
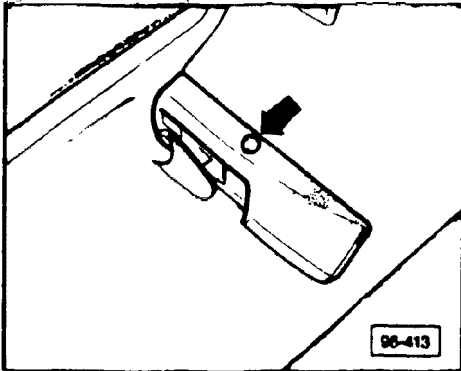
Note

Always refer to appropriate wiring diagram when performing electrical repairs

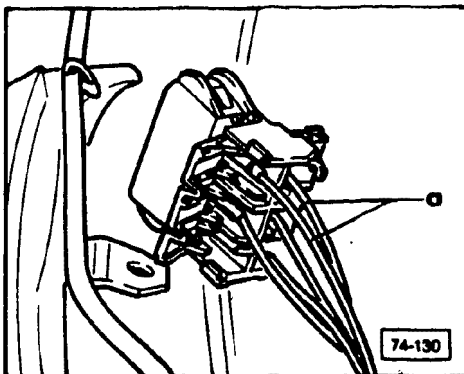
- disconnect battery ground strap

Seat element, removing

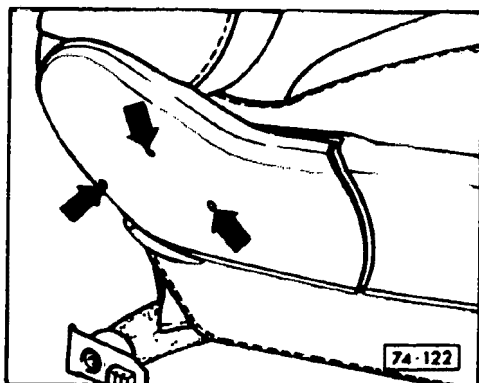
- remove screw (arrow)
- take off seat track covers



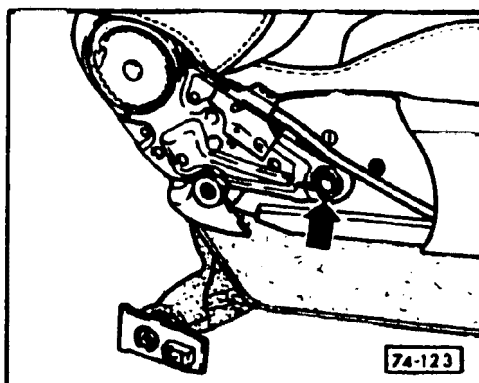
- remove bolt (arrow A)
- pull up lever (arrow B), carefully remove seat from tracks toward rear
 - do not damage carpeting
- disconnect electrical wiring to seat, remove seat from vehicle
- disconnect heated seat element from seat frame



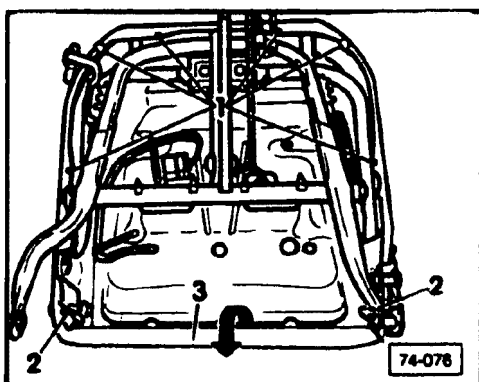
- open rear connector cover, pull off connector a for seatback element
 - terminals 3, 6



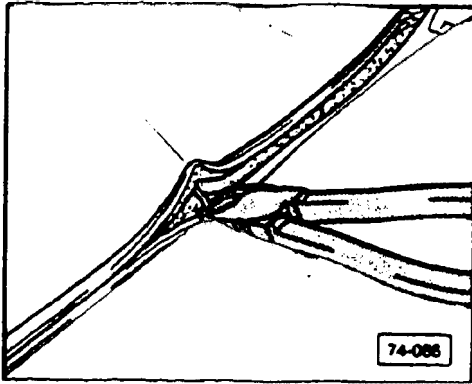
- knock through retaining pins (arrows) approximately 5.0 mm (13/64 inch) with punch on both sides
- remove trim



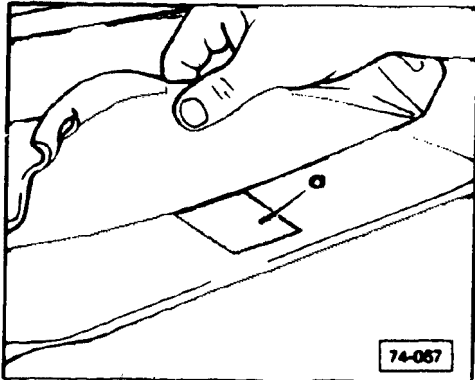
- remove retaining clip (arrow) from both sides
- lift lever on side, tilt backrest forward
- pull backrest sides apart, remove backrest



- separate and remove seat backrest from seat frame
- remove stop pin retaining screws, both sides
- unhook tension wire 2 on both sides
- pry off cover reinforcement 3
- bend open upholstery hooks 1
- unhook and remove seat cover
- fold back cover



- cut clips (as shown)

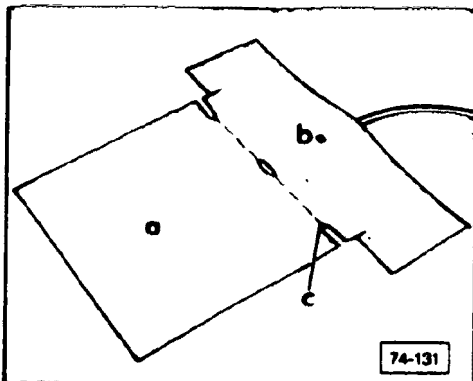


- carefully remove seat element from upholstery
 - adhesive strip **a** remains on cushion
 - warm adhesive strip with hot air blower to aid in removal of heat element

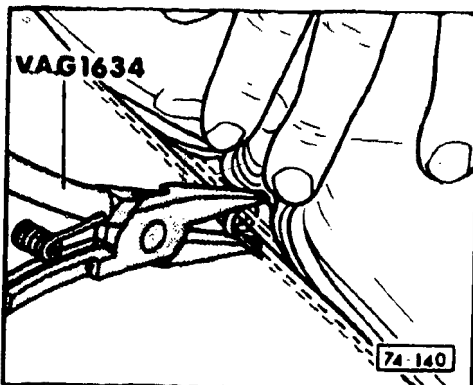
- remove element with connector

Note

Heating element is bonded to cushion as of 9/89



- cut through old heating element at **c**
- remove section **b** with connector wire
 - part **a** remains on cushion

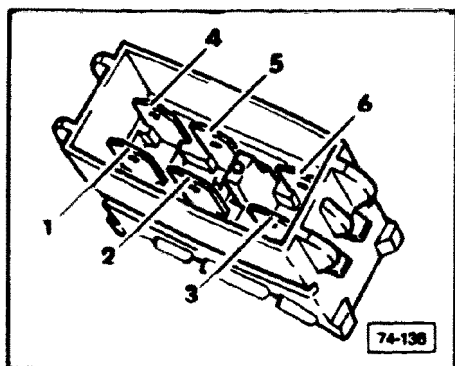


Seat element, installing

CAUTION

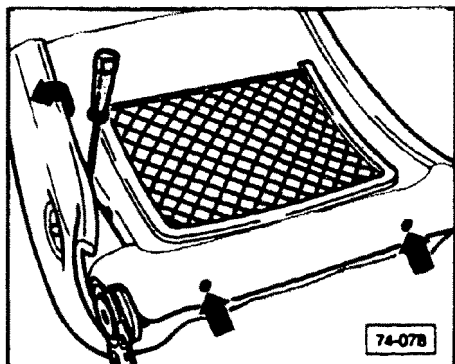
Part numbers are for reference only. Always check with your Parts Department for latest parts information.

- install replacement element over old element with universal adhesive Part No. **D 001 200** or equivalent
- use upholstery pliers **VAG 1634** or equivalent to install clips



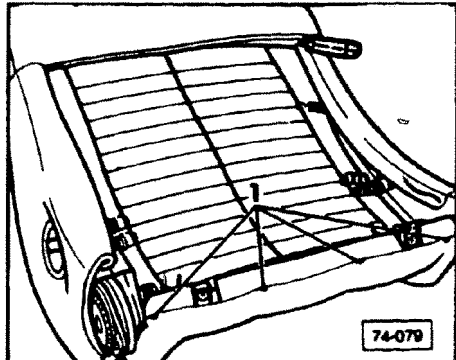
Seat connector, contact locations

- 1 — seat heat element 1.0 mm²
(wire diameter)
- 2 — temperature sensor 0.5 mm²
(wire diameter)
- 3 — seatback heat element
- 4 — temperature sensor 0.5 mm²
(wire diameter)
- 5 — seat heat element 1.0 mm²
(wire diameter)
- 6 — seatback heat element



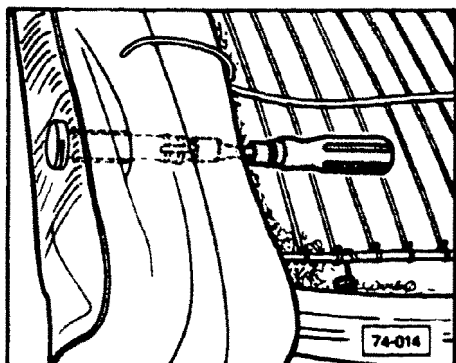
Seatback element, removing

- remove seat from vehicle
- remove seatback
- unscrew trim mounting bolts for trim (arrows)
- pry out seatback cover, as shown
- remove trim from below

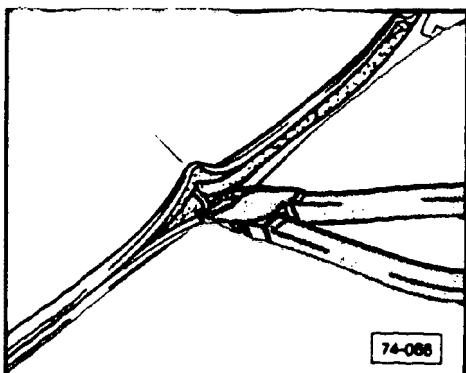


Standard seatback

- remove headrest
- pry off adjustment knob trim, remove screw
- take off adjustment knob
- loosen cover from seatback frame
- carefully pry off cover from top with screwdriver
 - bend open hooks 1



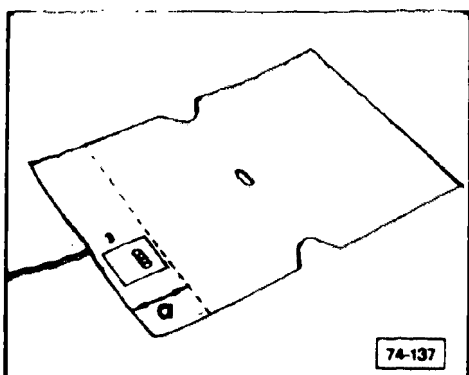
- press out headrest guides with 10 mm (25/64 in.) wrench



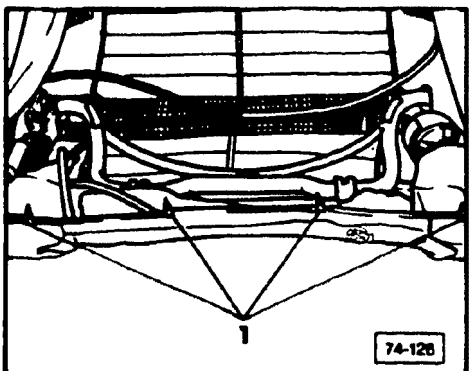
- turn cover over, cut through clips (as shown)
- remove cover, element with connector

Note

Heating element is now bonded to cushion as of 9/89

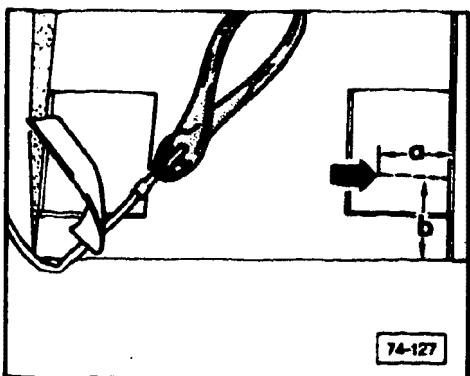


- cut through bonded element as shown
 - a – approximately 80 cm (approximately 31 in.)
- remove section a with electrical wires

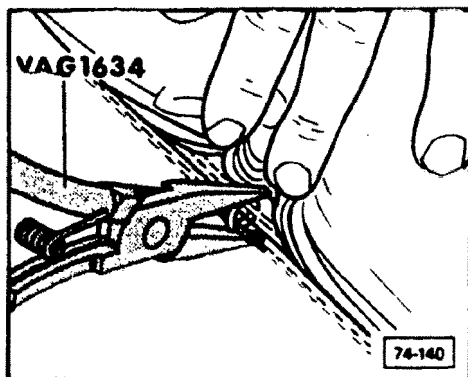


Sport seatback

- bend open upholstery hooks 1, unhook cover
- pull up seatback center portion
- loosen cover from inner material layer
 - mark ends with felt tip pen for adhesive strip
- remove intermediate layer



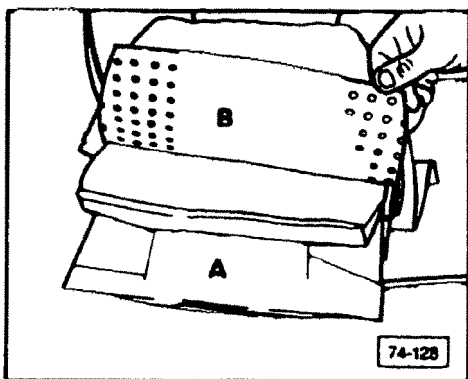
- cut electrical wire to defective element
- cut slit into foam as shown
 - a = approximately 4.0 cm (approximately 1.6 in.)
 - b = approximately 6.0 cm (approximately 2.3 in.)



Seatback elements, installing

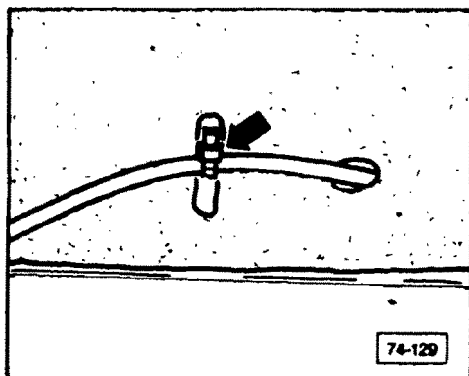
Standard seatback

- bond replacement element over remaining old element
- use upholstery pliers VAG 1634 or equivalent to install clips

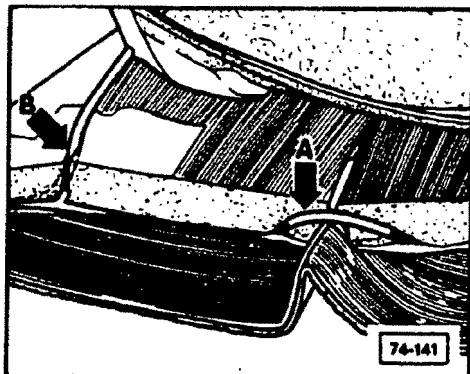


Sport seatback

- remove protective film from replacement element B
- install element B on foam A
 - keep wrinkle free
 - repeat for rest of element

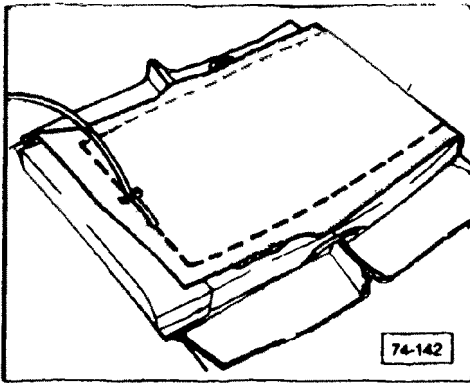


- route replacement element connector wire through slit and secure with tie wrap

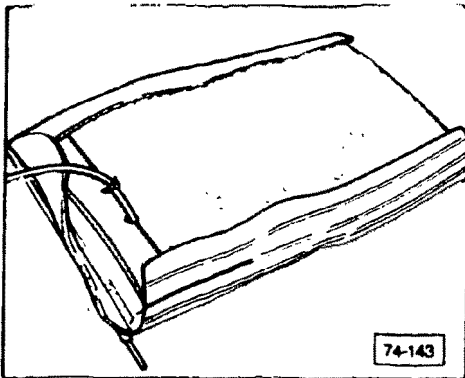


Note

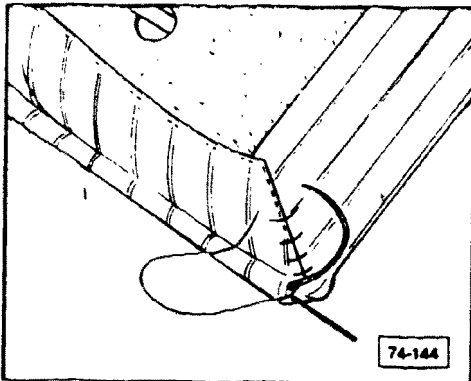
DO NOT bend wire A, cable guide B.



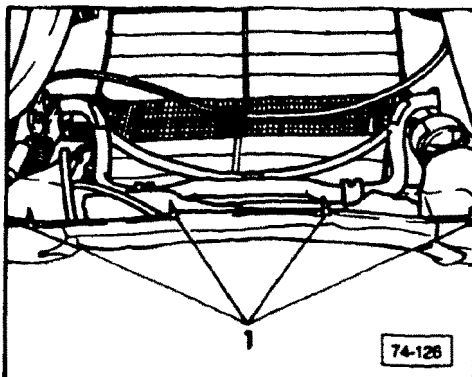
- glue velcro tape onto intermediate layer as marked
- padded side of velcro tape is glued on ends of inside of cover material



- ensure seat cover is placed evenly, pulled tight and secured to velcro tape



- sew cover corners by hand



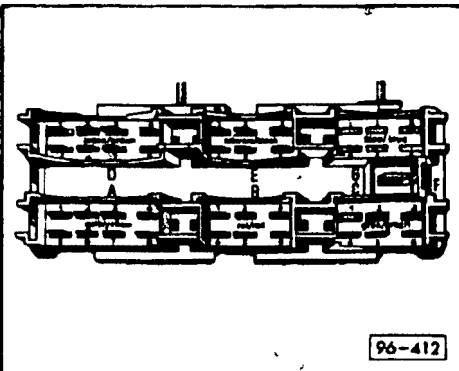
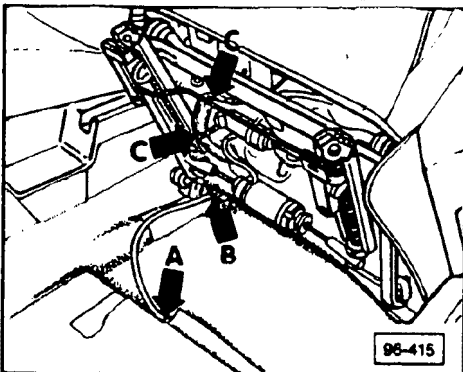
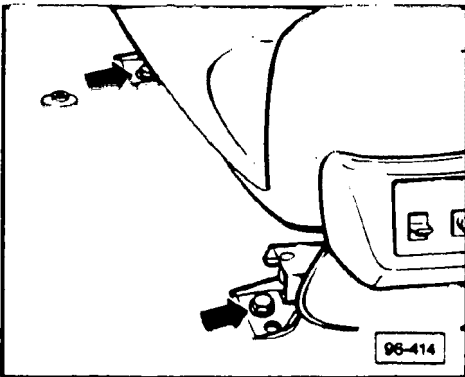
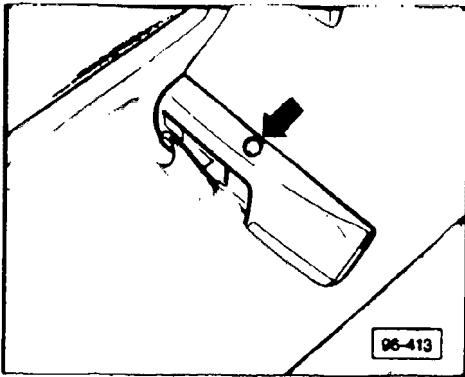
- turn seatback center section over, hook
- bend over hooks 1 to secure
- reinstall all other components in reverse order of removal
- reconnect battery ground strap
- check seat for proper function

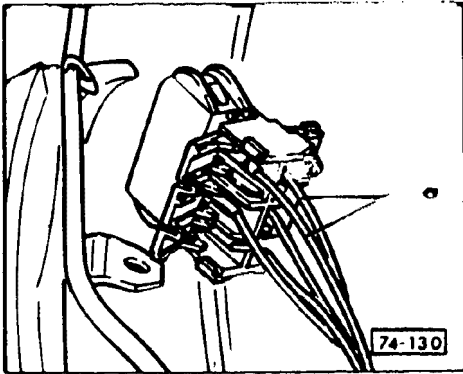
Heated seat element, removing/installing

(Vehicles with power seats)

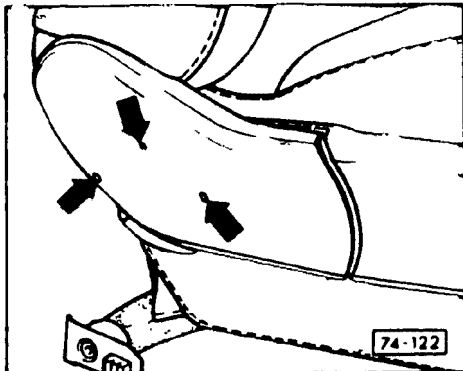
Seat element, removing

- remove cap and screw (arrow)
 - take off seat track covers
 - remove covers from front
-
- move seat fully to rear, then raise fully at front and remove bolts (arrows)
 - disconnect battery ground strap
-
- lift seat at rear, cut off tie wrap A
 - push seat to rear and lean back
 - take care not to damage carpeting
 - open cable mounting B, cut tie wraps C
 - disconnect plug connectors
 - remove seat from vehicle
-
- disconnect 6 point connector from driver's seat control unit
 - 2 point connector on passenger seat
 - remove connector for heated seat from seat frame

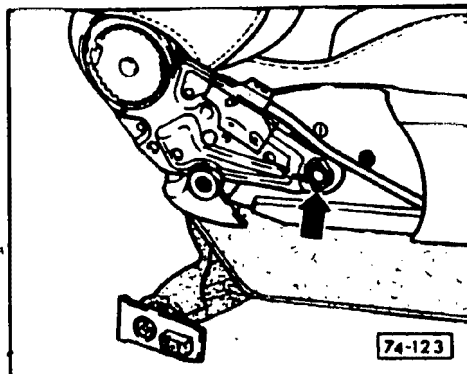




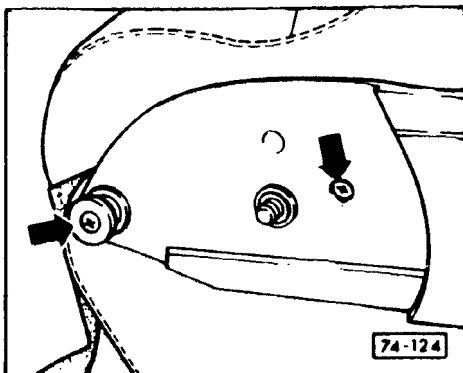
- open flaps at rear and remove wires a for seatback heat element
 - contacts 3, 6



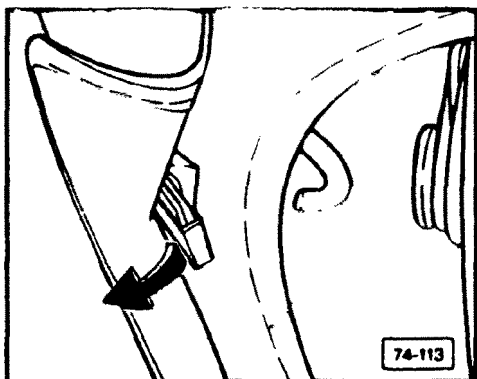
- knock through retaining pins (arrows) approximately 5.0 mm (13/64 in.) with punch on both sides
- remove trim



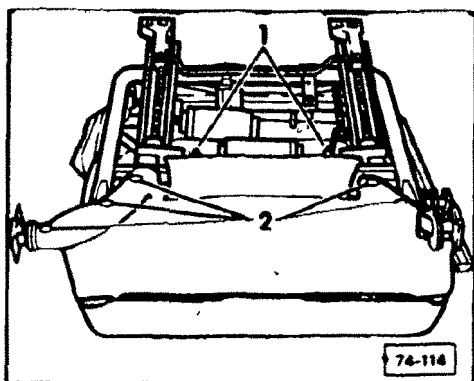
- remove retaining clip (arrow) from both sides
- lift lever on side, tilt backrest forward
- pull backrest sides apart, remove backrest



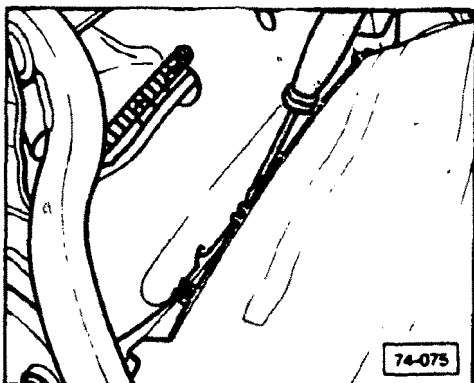
- remove retaining screws from stop pins (arrow A), left/right
- remove screw (arrow B)



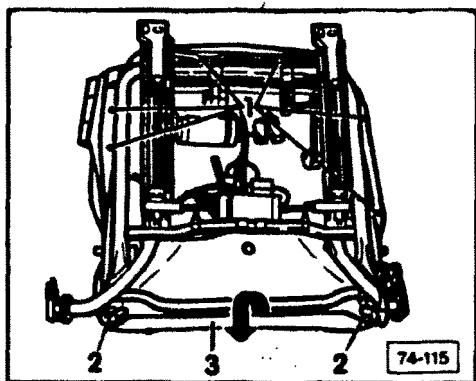
- pry out retaining pin
- unhook side trim from switch trim on seat frame and remove



- bend open upholstery hooks 1 unhook lower upholstery trim
- pry out clips 2



- fold over trim material
- carefully pry off mounting clips with screwdriver
- remove trim from bottom



- bend open wire 2 on both sides
- pry out clips 1
- pry off cover reinforcement 3
- fold over seat cover

- cut off clips and remove seat cover

CAUTION

Part numbers are for reference only
Always check with your Parts
Department for latest parts information.

- remove heat element with connector from cushion
 - adhesive strip **a** must remain on cushion
 - heat **a** with hot air blower if necessary to facilitate removal of heat element

Note

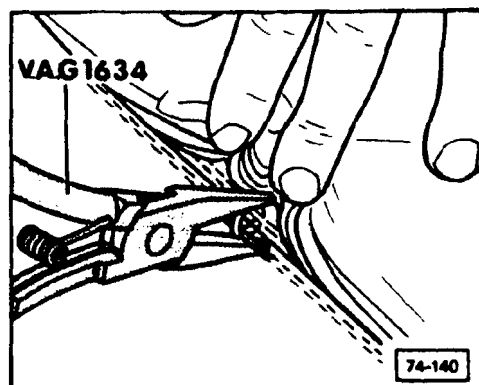
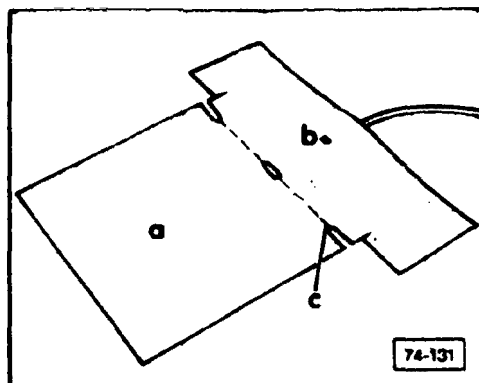
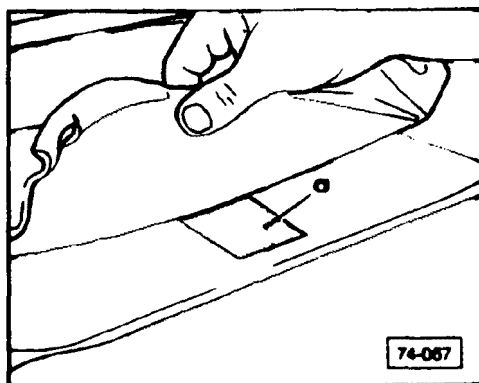
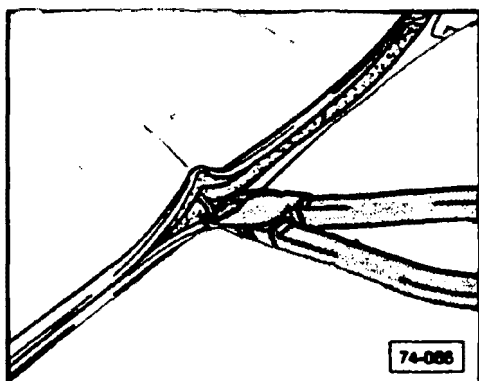
Heating element is bonded to cushion as of 9/89

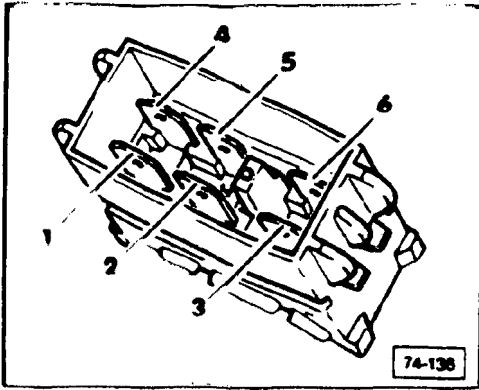
- cut through heating element at **c**
- remove section **b** with electrical connector
 - section **a** remains on cushion

Seat element, installing

- bond replacement element over remaining portion of old element with universal adhesive Part No. D 001 200 or equivalent

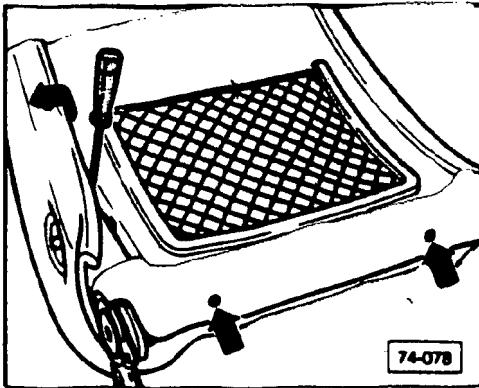
- use upholstery pliers VAG 1634 or equivalent to secure clips





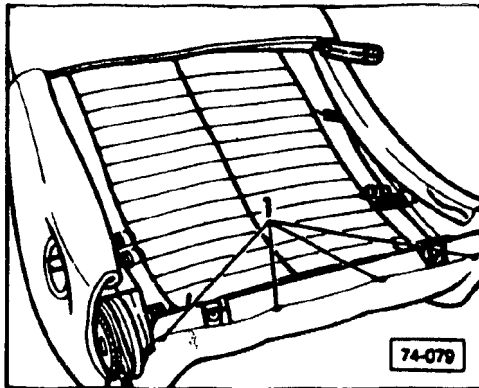
Seat connector, contact locations

- 1 — seat heat element 1 0 mm²
(wire diameter)
- 2 — temperature sensor 0 5 mm²
(wire diameter)
- 3 — seatback heat element
- 4 — temperature sensor 0 5 mm²
(wire diameter)
- 5 — seat heat element 1 0 mm²
(wire diameter)
- 6 — seatback heat element



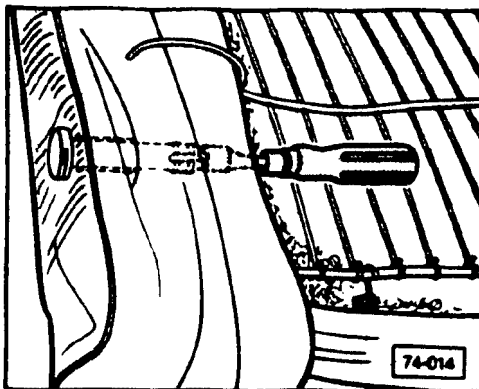
Seatback element, removing

- remove seat from vehicle
- remove seatback
- unscrew trim mounting bolts for trim
(arrows)
- pry out seatback cover (as shown)
- remove trim from below

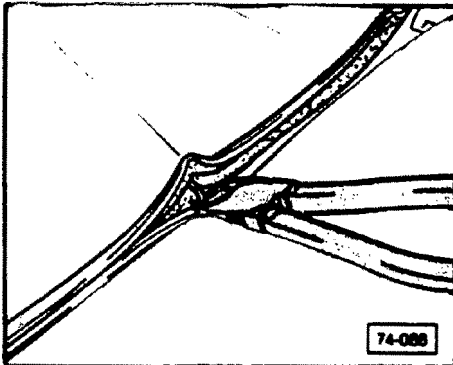


Standard seatback

- remove headrest
- pry off adjustment knob trim, remove screw
- take off adjustment knob
- loosen cover from seatback frame
- carefully pry off cover from top with
screwdriver
 - bend open hooks 1



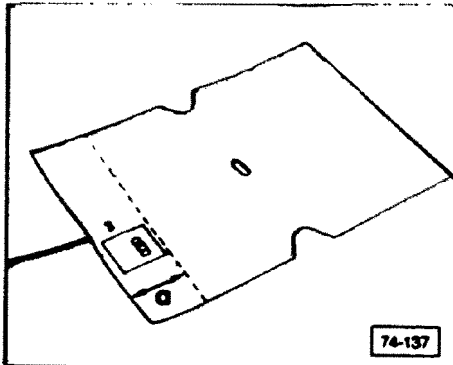
- press out headrest guides with 10 mm
(25/64 in.) wrench



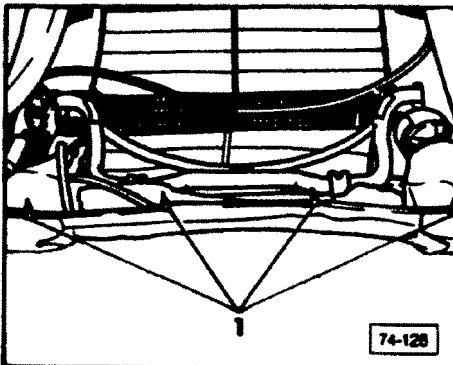
- turn cover over, cut through clips (as shown)
- remove cover, element with connector

Note

Heating element is now bonded to cushion as of D/R0

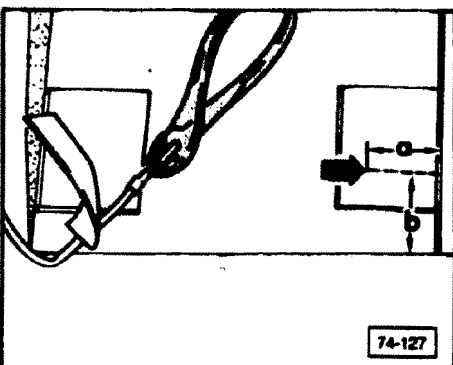


- cut through bonded element as shown
 - – approximately 80 cm (approximately 31 in.)
- remove section with electrical wires

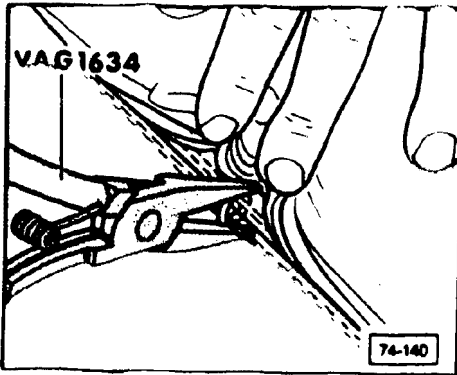


Sport seatback

- bend open upholstery hooks 1, unhook cover
- raise seatback center portion
- loosen cover from inner material layer
 - mark ends with felt tip pen for adhesive strip
- remove intermediate layer



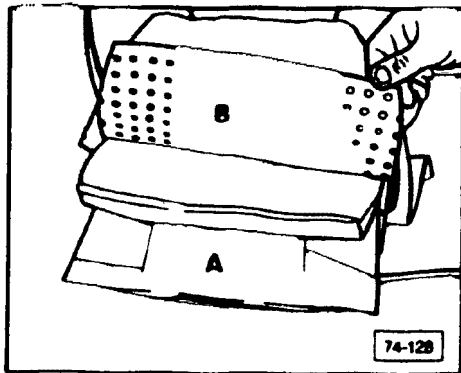
- cut electrical wire to defective element
- cut slit on foam as shown
 - a — approximately 40 cm (approximately 1.6 in.)
 - b — approximately 60 cm (approximately 2.3 in.)



Seatback element, installing

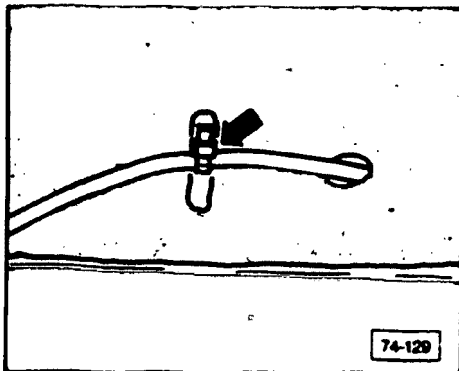
Standard seatback

- bond replacement element over remaining old element
- use upholstery pliers VAG 1634 or equivalent to secure clips

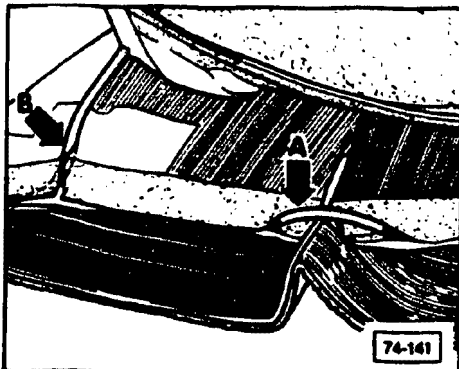


Sport seatback

- remove protective film from replacement element B
- install replacement element onto foam A
 - keep free from wrinkles
 - repeat for rest of element

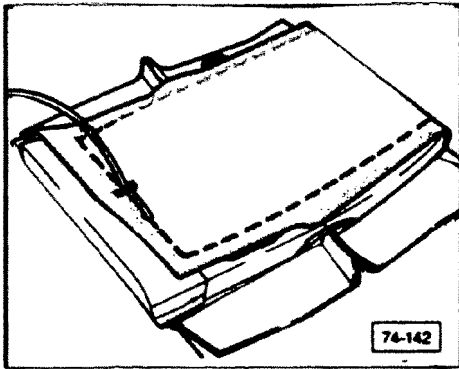


- route and fasten new element through slit and secure with tie wrap

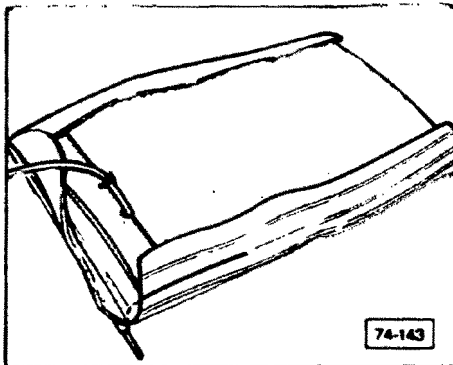


Note

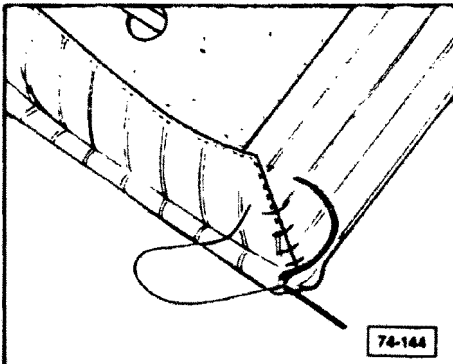
Do not bend wire A, cable guide B



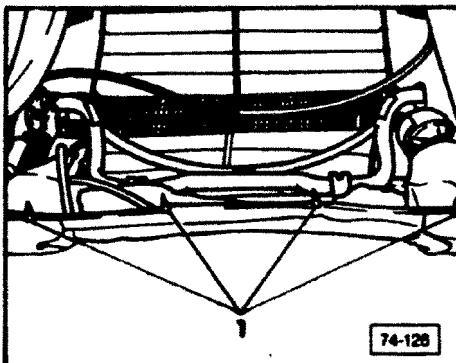
- glue velcro tape onto intermediate layer as marked
- padded side of velcro tape is glued on ends of inside of cover material



- ensure seat cover is placed evenly, tightly and secured to velcro tape



- sew cover corners by hand



- turn over seatback center section, hook and bend over hooks 1
- reinstall all other components in reverse order of removal
- reconnect battery ground strap
- check seat for proper function