

MIRRORS - POWER

Article Text

1991 Volkswagen Passat

For Volkswagen Technical Site

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Wednesday, August 25, 1999 08:55PM

ARTICLE BEGINNING

1990-92 SAFETY EQUIPMENT

Power Mirrors

1990-92 Passat

1991-92 Corrado, Golf, GTI, Jetta, Vanagon

DESCRIPTION & OPERATION

Mirrors can be adjusted electrically from inside by operating control knob on driver door panel. Adjustment control operates only when ignition is on. To adjust driver-side or passenger-side mirror, rotate control knob to "L" or "R". Control knob is a 4-way rocker switch which is pressed top (up), bottom (down), left (out) or right (in). See Fig. 1.

If electrical control of mirror does not operate, adjust mirror by hand by pushing lightly on edge of mirror glass. When rear defogger is on, outside mirrors are electrically heated.

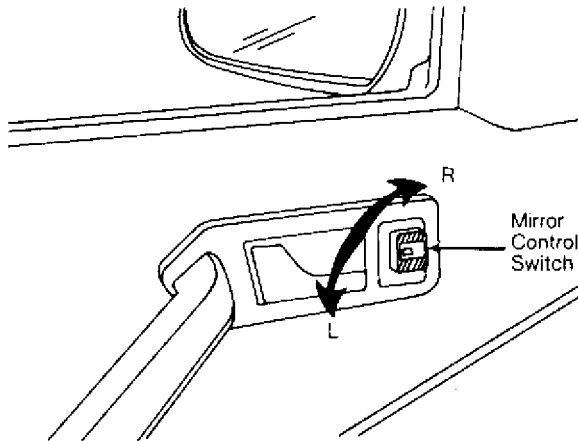


Fig. 1: Controlling Mirror Switch
Courtesy of Volkswagen United States, Inc.

TROUBLE SHOOTING

LEFT OR RIGHT POWER MIRROR INOPERATIVE

Check power mirror switch, power mirror motor(s), wiring, ground connection(s) and fuse(s). Use driver manual to identify fuse(s).

REMOVAL & INSTALLATION

MIRROR GLASS (CORRADO & PASSAT)

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CAUTION: Press only on center of glass. Always wear protective gloves while handling mirror glass in case of accidental breakage.

Removal & Installation

Tape upper and lower edges of mirror housing. See Fig. 2. Remove mirror glass using knife blade Pry Bar (VW-80-200). Pry off at bottom and then top. While holding mirror, unplug electrical connector, and remove mirror glass. To install, connect electric connector. Put mirror pins in notches, and press mirror into place. See Fig. 3. Check mirror for proper function.

NOTE: Mirror glass is only clipped in place.

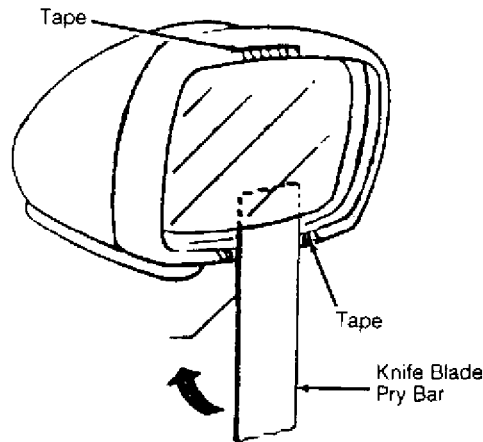


Fig. 2: Removing Mirror Glass (Corrado & Passat)
Courtesy of Volkswagen United States, Inc.

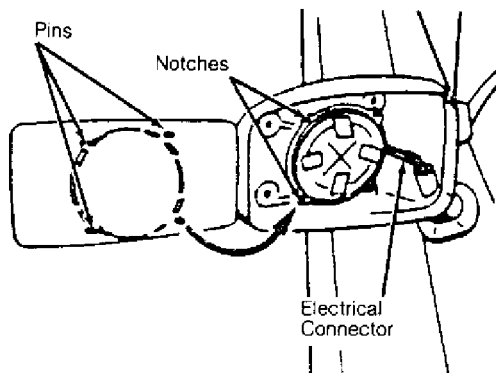


Fig. 3: Installing Mirror Glass (Corrado & Passat)
Courtesy of Volkswagen United States, Inc.

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MIRROR GLASS (GOLF GL, GTI, JETTA & JETTA GLI)

CAUTION: Press only on center of glass. Always wear protective gloves while handling mirror glass in case of accidental breakage.

Removal & Installation

Push glass in at bottom, and turn lock ring counterclockwise using a screwdriver. See Fig. 4. Remove mirror glass, and disconnect electrical wires. To install, connect electrical wires. See Fig. 5. Ensure lock ring is rotated clockwise to stop. Insert mirror in housing, and lock mirror in place using screwdriver.

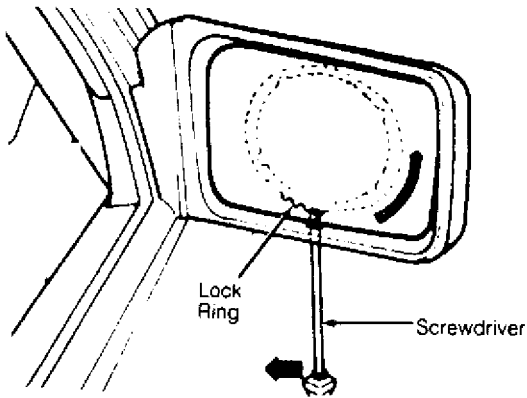


Fig. 4: Removing Mirror Glass (Golf GL, GTI, Jetta & Jetta GLi)
Courtesy of Volkswagen United States, Inc.

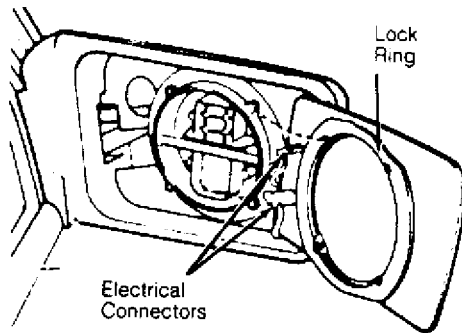


Fig. 5: Installing Mirror Glass (Golf GL, GTI, Jetta & Jetta GLi)
Courtesy of Volkswagen United States, Inc.

MIRROR GLASS (VANAGON)

CAUTION: Press only on center of glass. Always wear protective gloves while handling mirror glass in case of accidental breakage.

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Removal & Installation

Push mirror glass at outer edge until locking lever is accessible. See Fig. 6. Push locking lever counterclockwise to unlock mirror assembly. Tilt and remove mirror glass. Disconnect electric heater element. To install, reverse removal procedure. Ensure dust boot is properly seated and locking pins are engaged in lock ring. See Fig. 7. Check mirror for proper function.

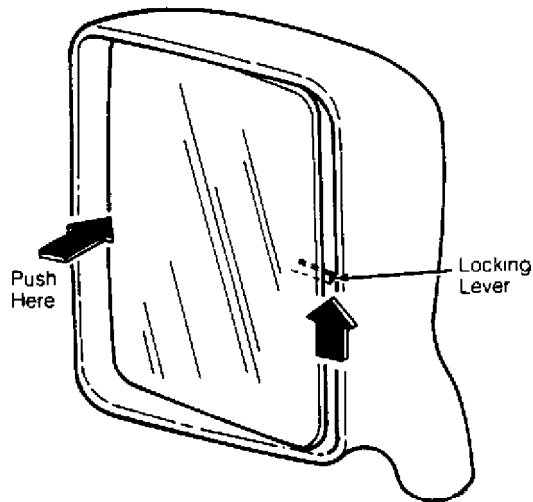


Fig. 6: Removing Mirror Glass (Vanagon)
Courtesy of Volkswagen United States, Inc.

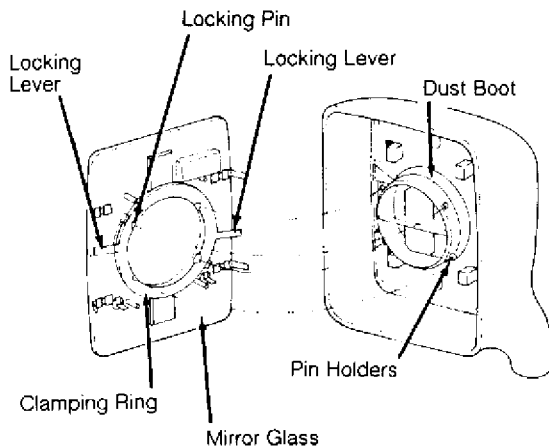


Fig. 7: Installing Mirror Glass (Vanagon)
Courtesy of Volkswagen United States, Inc.

POWER MIRROR ASSEMBLY (CORRADO & PASSAT)

CAUTION: Always wear protective gloves while handling mirror glass in case of accidental breakage. Hold glass to prevent it

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from falling out.

Removal & Installation

1) Disconnect battery ground cable. Lower window. Remove control knob and boot. Remove door trim, and loosen moisture barrier in area of rearview mirror control. Remove lock nut. Unplug electrical connector.

2) Pivot mirror inward, and remove mounting screw. Pivot mirror outward, and remove second mounting screw. Remove mirror with base and control. To install, reverse removal procedure.

POWER MIRROR ASSEMBLY (GOLF GL, GTI, JETTA & JETTA GLI)

CAUTION: Always wear protective gloves while handling mirror glass in case of accidental breakage. Hold glass to prevent it from falling out.

Removal & Installation

1) Disconnect battery ground cable. Remove mirror glass and electrical wires. See MIRROR GLASS under REMOVAL & INSTALLATION. Remove mirror adjustment motor securing screws and motor. Disconnect electrical wires. Carefully pry mirror adjustment switch from door panel. Unplug electrical connector.

2) Remove door trim panel and protective cover from door near mirror wire connectors. Disconnect terminals. To install, connect adjustment motor wires according to marked color identification. Reverse removal procedure to complete installation.

POWER MIRROR ASSEMBLY (VANAGON)

CAUTION: Always wear protective gloves while handling mirror glass in case of accidental breakage. Hold glass to prevent it from falling out.

Removal & Installation

1) Disconnect battery ground strap. Pry out and disconnect electric mirror switch from door trim panel. See Fig. 8. Remove door trim panel, and carefully pull back plastic moisture barrier. Cut tie wraps securing wiring harness to door. See Fig. 9. Open harness far enough to expose and label individual wires. Remove labeled wires from plug connector.

2) Pry off plastic cap at base of mirror bracket, and remove 3 bracket securing screws. See Fig. 10. Remove mirror assembly with wiring harness. To install, reverse removal procedure, ensuring seal is positioned for proper fit and wire harness is secured to door frame with tie wraps. See Fig. 11. Check mirror for proper function.

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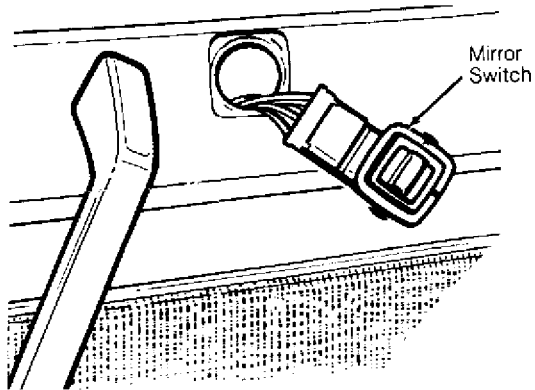


Fig. 8: Disconnecting Electric Mirror Switch (Vanagon)
Courtesy of Volkswagen United States, Inc.

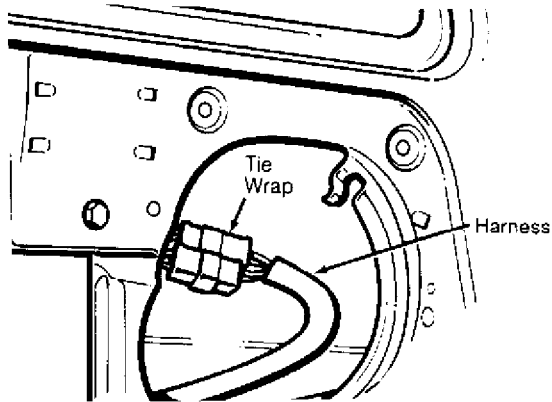


Fig. 9: Securing Wiring Harness (Vanagon)
Courtesy of Volkswagen United States, Inc.

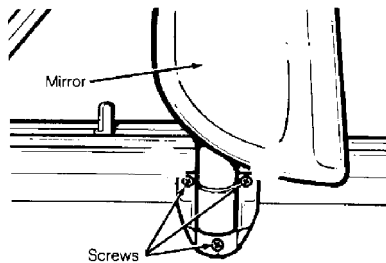


Fig. 10: Removing Mirror Bracket Screws (Vanagon)
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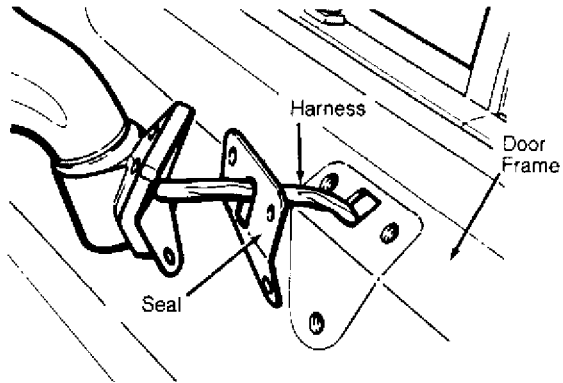


Fig. 11: Installing Mirror Assembly (Vanagon)
Courtesy of Volkswagen United States, Inc.

WIRING DIAGRAMS

See appropriate chassis wiring diagram in **WIRING DIAGRAMS**.

END OF ARTICLE