

DEFOGGER - REAR WINDOW

Article Text

1993 Volkswagen Passat

For Volkswagen Technical Site: <http://vw.belcom.ru>

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Wednesday, March 22, 2000 10:04PM

ARTICLE BEGINNING

1993 ACCESSORIES & EQUIPMENT

Volkswagen Rear Window Defoggers

Volkswagen; Cabriolet, Corrado SLC, EuroVan,
Fox, Golf, GTI, Jetta, Passat

DESCRIPTION & OPERATION

Ignition must be on for rear window defogger to operate. Power to control switch is applied through fuse in fuse block. An indicator light in the control switch comes on when the defogger is turned on. Control switch also provides power to heating element in both outside mirrors.

TROUBLE SHOOTING

DEFOGGER DOES NOT WORK

Check for blown fuse, defective defogger switch, open wiring or poor connections. Check for breaks in rear window defogger grid. See FILAMENT TEST under TESTING.

INDICATOR LIGHT DOES NOT WORK

Check for burned bulb, blown fuse, open wiring or poor connection.

TESTING

SYSTEM TEST

Ensure and control switch are okay. Turn ignition and control switch on. After a few minutes, feel glass for warmth. If glass is not warm, use a test light to check for battery voltage at grid feed wire. If no voltage is present, check control switch.

FILAMENT TEST

1) To locate breaks in grid filaments, connect test light negative lead to ground side of grid. Touch opposite (positive) side of grid with test light probe. If test light glows, grid line is okay. Test light will glow dimmer as probe is moved toward ground side of grid.

2) If test light does not glow, grid line is broken. To locate break, move probe along grid line toward ground side of heat grid until test light glows, indicating area of damage.

WIRING DIAGRAMS

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See appropriate chassis wiring diagram in WIRING DIAGRAMS.

END OF ARTICLE