

1999-2000 ACCESSORIES & EQUIPMENT**Power Convertible Tops - Corvette****DESCRIPTION & OPERATION**

Manual convertible top has an electrically operated hatch release. The hatch release switch is located behind the driver's seat. The Body Control Module (BCM) monitors input from hatch release switch and hatch ajar switch. BCM controls tonneau relay to operate hatch release motor. BCM will not open hatch if alarm is on or trunk is open. Manual release cable is located under the carpet, behind trim panel between seats.

ADJUSTMENTS**REAR BOW-TO-HATCH PRESSURE ADJUSTMENT**

Decrease bow pressure if top material is marring hatch. Increase pressure if top leaks. Lift top up and raise hatch. Loosen left-hand thread jam nut on pressure link at rear bow. Adjust pressure by turning large nut. Close hatch and raise top. Check gap between top material and hatch. Gap should be .08-.12" (2-3mm) and even around back of top. Check front latch pin alignment. After adjustment, tighten jam nut. Check for water leaks.

SIDE RAIL BOW

Check door window to top alignment. To adjust side rail bow, lift top and adjust knurled nut in middle of side rail.

LOOSE FABRIC BEHIND REAR SIDE RAIL

If fabric is loose behind side rail, lower top. Open small cover on top of lock pillar. Loosen jam nut. Loosen adjuster nut one turn at a time. Raise top and check fabric tension. Check front latch pin alignment. After adjustment, tighten jam nut. Check for water leaks.

TROUBLE SHOOTING**PRELIMINARY INSPECTION**

Check TONN REL fuse (10-amp) in instrument panel electrical center located in passenger-side footwell. Check ground connection, located at base of passenger-side "B" pillar. If fuse is blown, check for short to ground in power supply circuit. Visually inspect for broken or open wires. Check for a broken or partially broken wire inside insulation which could cause system malfunction but prove good in a continuity/voltage check with system disconnected. Ensure any aftermarket electronic equipment is properly installed.

SYSTEM TESTS

NOTE: For information on hatch testing, see **POWER TRUNK RELEASE & FUEL DOORS - CORVETTE** article.

REMOVAL & INSTALLATION

HATCH AJAR SWITCH

Removal & Installation

Open hatch. If necessary, manual release cable is located under carpet, behind trim panel between seats. Remove ajar switch from hatch. Disconnect harness connector. To install, reverse removal procedure.

TOP LATCH

Removal & Installation

Mark location of latch. Rotate handle and remove exposed bolt. Remove trim cover from handle. Rotate handle to align hole in handle with bolt. Remove bolt and latch. To install, reverse removal procedure. Tighten screws to 13ft. lbs. (18 N.m).

CONVERTIBLE TOP ASSEMBLY

Removal & Installation

Remove seat belt upper guide. Remove lock pillar upper trim. Lift top out of well. Disconnect defogger connectors. Remove top assembly bolts. Remove convertible top assembly. To install, use an awl in alignment hole to align top frame to pillar bracket. To complete installation, reverse removal procedure. Tighten convertible top assembly bolts to 18 ft. lbs. (25 N.m).

WIRING DIAGRAMS

2000 Chevrolet Corvette

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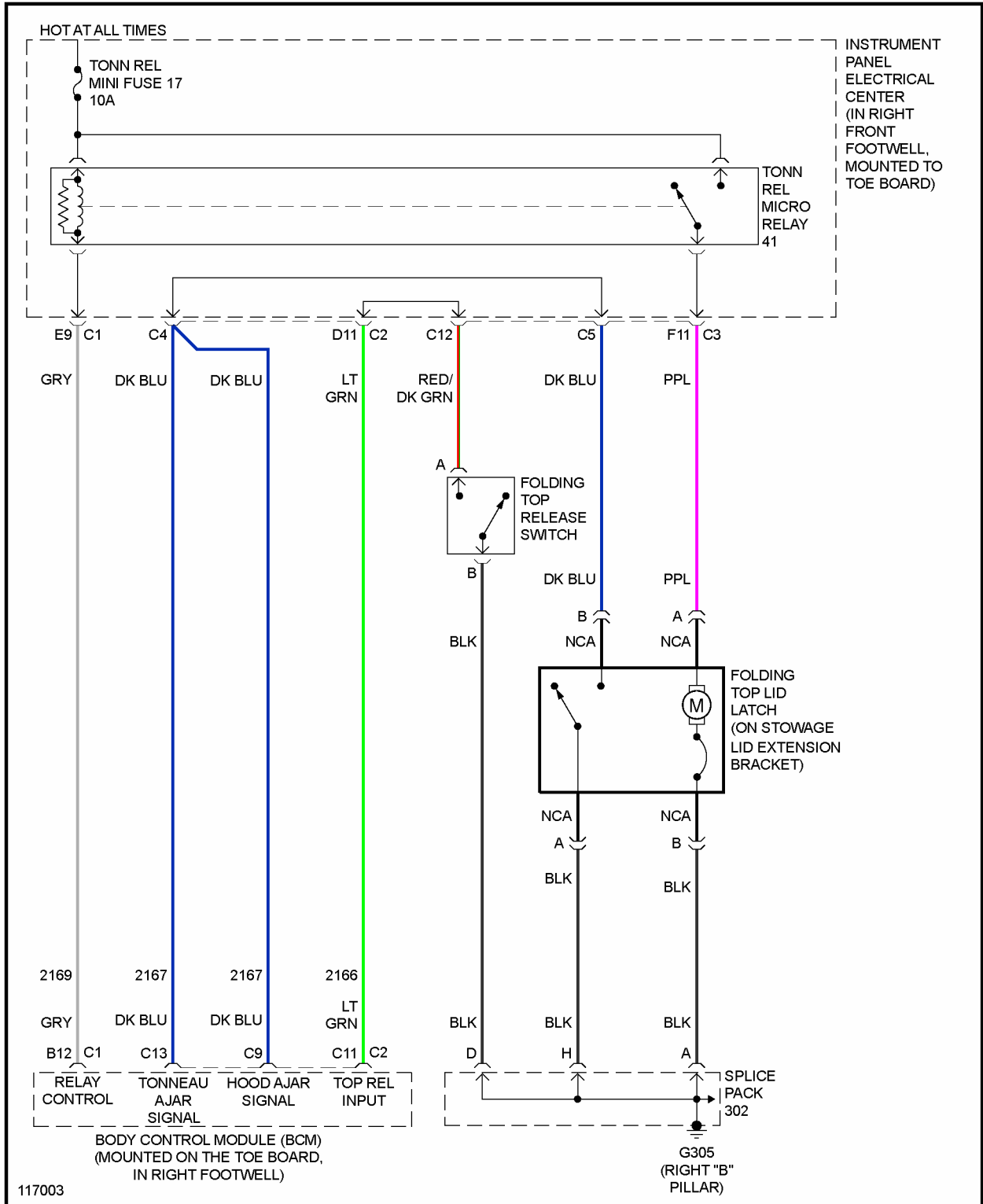


Fig. 1: Power Convertible Top System Wiring Diagram (Corvette)