

WARNING CHIME

System Description

FUNCTION

EX-501042

Power is supplied at all times

- through 50A fusible link (letter f , located in the fuse and fusible link box)
- to BCM terminal 70, and
- through 10A fuse [No. 19, located in the fuse block (J/B)]
- to key switch and key lock solenoid terminal 3 (floor shift) or key switch terminal 3 (console shift).

With ignition switch in ON or START position, power is supplied

- through 10A fuse (No. 59, located in the fuse and relay box)
- to BCM terminal 38.

Ground is supplied

- to BCM terminal 67
- through body grounds M57, M61, and M79.

NOTE:

When ignition key warning chime, light warning chime, and seat belt warning chime are required at the same time, the priorities for each chime are the following.

1. Light warning chime
2. Ignition key warning chime
3. Seat belt warning chime

IGNITION KEY WARNING CHIME

With the key inserted in the ignition switch, the ignition switch in OFF position, and the driver's door open, the warning chime will sound.

Power is supplied

- through key switch and key lock solenoid terminal 4 (floor shift) or key switch terminal 4 (console shift)
- to BCM terminal 37.

Ground is supplied

- to BCM terminal 47
- through front door switch LH terminal 2
- through body grounds B7 and B19 (king cab) or through front door switch LH case ground (crew cab).

BCM detects key inserted into the ignition switch, and sends key warning signal to combination meter via CAN communication lines. When the combination meter receives key warning signal, it sounds warning chime.

LIGHT WARNING CHIME

With the key removed from the ignition switch, the driver's door open, and the lighting switch (part of the combination switch) in 1st or 2nd position, the warning chime will sound. [Except when headlamp battery saver control operates (5 minutes after ignition switch is turned to OFF or ACC position) and headlamps do not illuminate.]

Signal is supplied

- from combination switch (lighting switch) terminals 1, 2, 3, 4, 5, 6, 7, 8, 9 and 10
- to BCM terminals 2, 3, 4, 5, 6, 32, 33, 34, 35 and 36.

NOTE:

BCM detected lighting switch in 1st or 2nd position. Refer to [BCS-3, "COMBINATION SWITCH READING FUNCTION"](#).

Ground is supplied

- to BCM terminal 47
- through front door switch LH terminal 2.
- through body grounds B7 and B19 (king cab) or through front door switch LH case ground (crew cab).

Front door switch LH is case grounded.

BCM detects headlamps are illuminated, and sends light warning signal to combination meter CAN communication lines. When the combination meter receives light warning signal, it sounds warning chime.

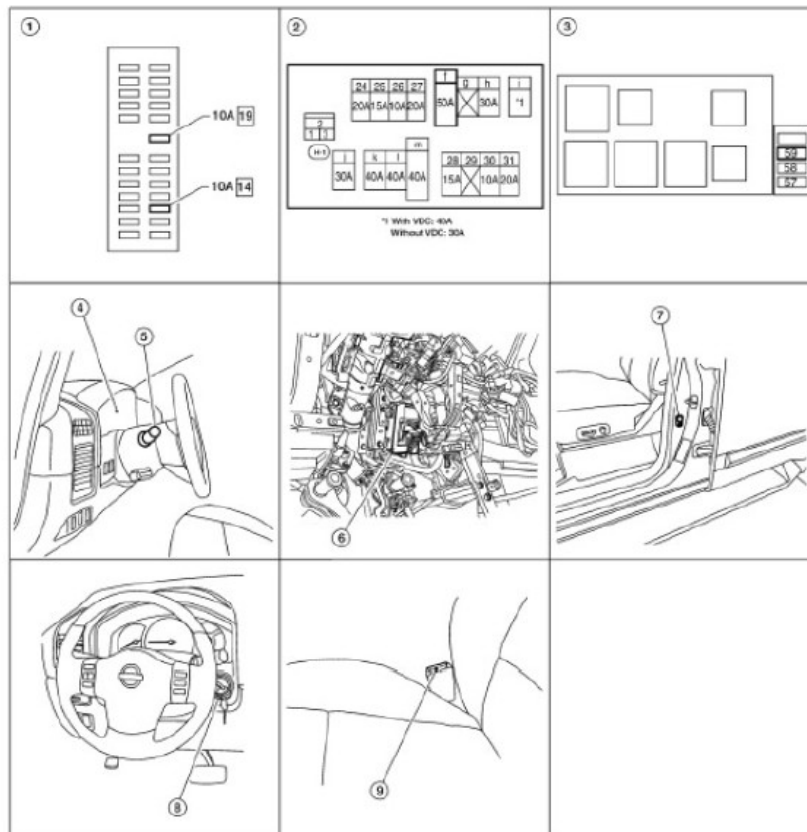
WARNING CHIME

WARNING CHIME

PFPP-24814

Component Parts and Harness Connector Location

EW355ADK



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|--|---|--|
| <p>1. Fuse block (J/B)</p> <p>4. Combination meter M24</p> <p>7. Front door switch LH BB</p> | <p>2. Fuse and fusible link box</p> <p>5. Combination switch (lighting switch) M28</p> <p>8. Key switch and key lock solenoid M27 (floor shift)
Key switch M80 (column shift)</p> | <p>3. Fuse and relay box</p> <p>6. BCM M18, M20 (view with instrument lower panel LH removed)</p> <p>9. Seat belt buckle switch LH B12</p> |
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