



# Technical Service Information

## GM TOW/HAUL MODE TOW/HAUL SWITCH MALFUNCTION

**COMPLAINT:** Tow/Haul Mode inactive, light on dash will not illuminate when switch is activated on shifter handle. This condition could cause code B2722 to set. In some diagnostic information, the Tow/Haul Mode Switch is referred to as a “Preference Switch”.

**CAUSE:** A break or short in wiring in the area where the shifter arm pivots on steering column. Possible Tow/Haul Mode switch failure.

**CORRECTION:** Repair the wiring or replace the switch. The switch and wiring are an integral part of the shift lever, it comes as an entire assembly.

### SERVICE INFORMATION:

When trying to find a wire schematic either in engine performance or transmissions there are none to be found whether looking in a factory manual, Alldata or Mitchell On Demand. The wire diagrams are located in the Body Control Module schematics only, (See Figure 1). To test the Tow/Haul switch function on a 1999 Chevrolet Silverado 1500 at the Body Control Module, check for voltage on the Light/Blue wire at pin B12 on the BCM. Do not confuse this wire with the Light/Blue Park Brake Switch Signal wire located on pin B10. Use the connector view in Figure 2 to identify the correct connector pin number. With the key on, engine off, there should be 12 volts present at terminal B12. If there is no voltage present, check for a short to ground in the area of the steering column where the shifter arm pivots. If voltage is present, toggle the Tow/Haul switch to see if the voltage drops to zero and back to 12 volts, this will verify the integrity of the switch. If the voltage doesn't change then there is either a break in the wiring to the switch or the switch itself may be bad. At this point the Light Blue wire at pin B12 can be shorted to ground, to verify that the Tow/Haul light is working correctly in the dash.

Check the Tow/Haul parameter on the scan tool for a state of change as the switch is cycled, the scan tool parameter change of state should match the DVOM display.

*Tow/Haul Switch & Shift Lever assembly (sold as one assembly) .....26075107*

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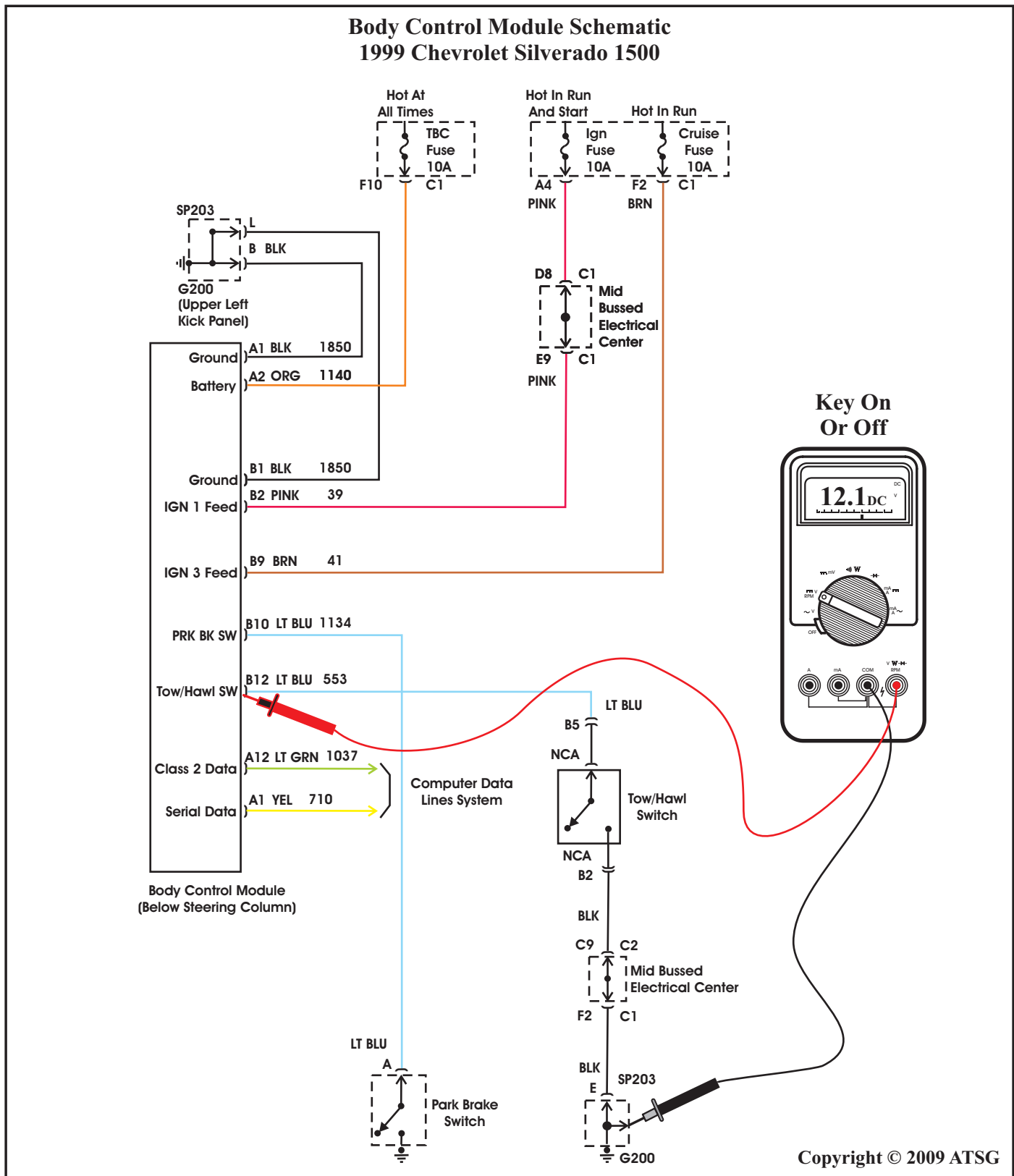
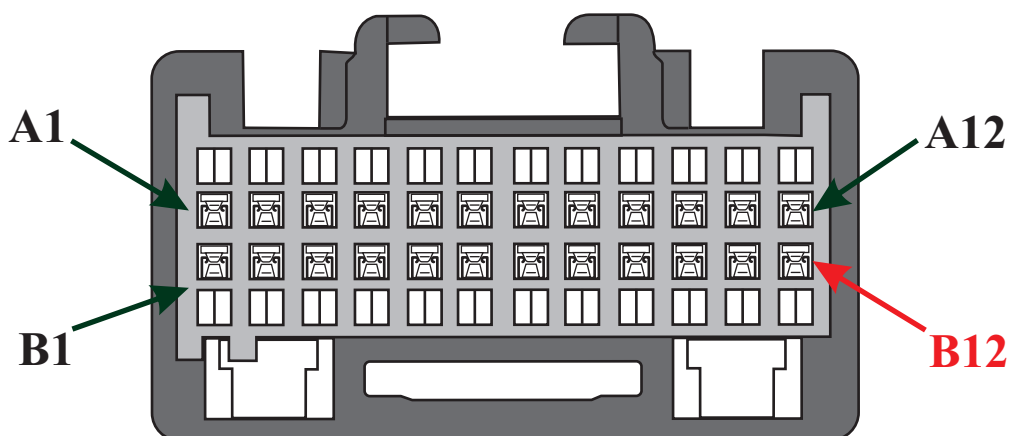


Figure 1

## GM TOW/HAUL MODE TOW/HAUL SWITCH MALFUNCTION

### Body Control Module Connector



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| Connector Part Information |            | .12160778<br>.24 Way F Micro |  |
|----------------------------|------------|------------------------------|--|
| Pin                        | Wire Color | Circuit No.                  | Function                                 |
| B9                         | BRN        | 41                           | Fused Ignition 3 Output                  |
| B10                        | LT BLU     | 1134                         | Park Brake Switch Signal                 |
| B11                        | BLK/WHT    | 238                          | Seat Belt Switch Signal                  |
| B12                        | LT BLU     | 553                          | Transmission Shift Select Switch Circuit |

Figure 2