

31-1 SPEED CONTROL

1997 F-250 HD/350/SUPER DUTY

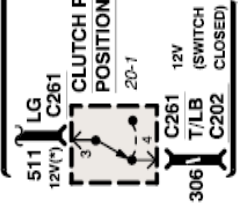
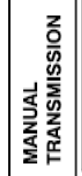
For diagnostic information refer to section 10-03 of the Service Manual.

HOT AT ALL TIMES



Speed Control system deactivates when brake pedal is depressed.

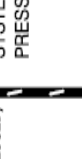
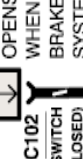
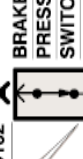
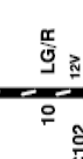
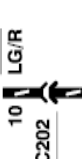
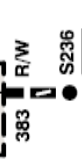
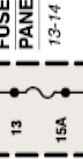
SEE TURN/STOP/HAZARD LAMPS 90-2



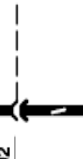
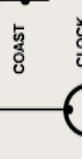
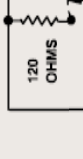
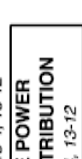
Prevents engine startup with clutch engaged

Utilizing a vehicle speed signal from Programmable Speedometer/Odometer Module, increases or decreases throttle position to maintain set speed.

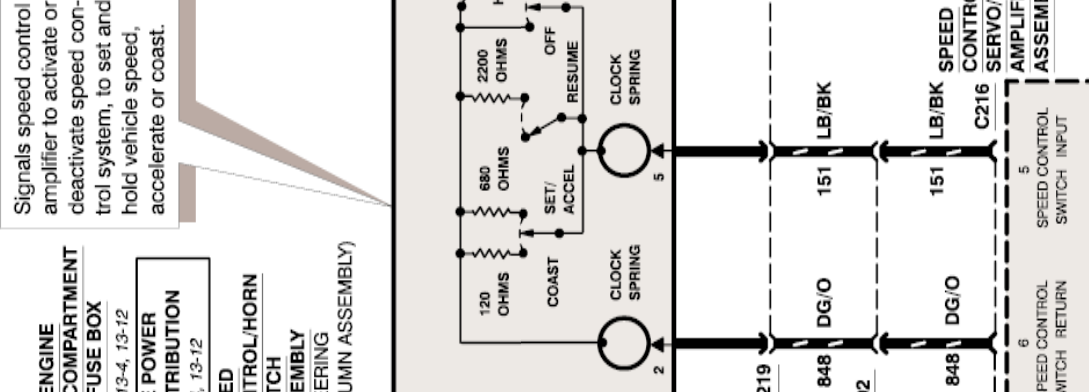
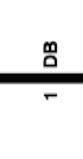
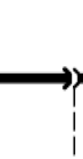
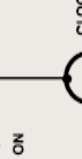
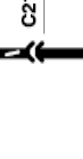
HOT AT ALL TIMES



HOT IN RUN



WARNING CHIME MODULE 66-7



Signals speed control amplifier to activate or deactivate speed control system, to set and hold vehicle speed, accelerate or coast.

Redundant safety device used to de-activate Speed Control System. Under increased brake pedal pressure (5-10 lbs), switch will open and remove power from Servo Clutch.

Speed Control system deactivates when brake pedal is depressed.

SEE TURN/STOP/HAZARD LAMPS 90-2

Prevents engine startup with clutch engaged

Utilizing a vehicle speed signal from Programmable Speedometer/Odometer Module, increases or decreases throttle position to maintain set speed.

SEE POWER DISTRIBUTION 13-14

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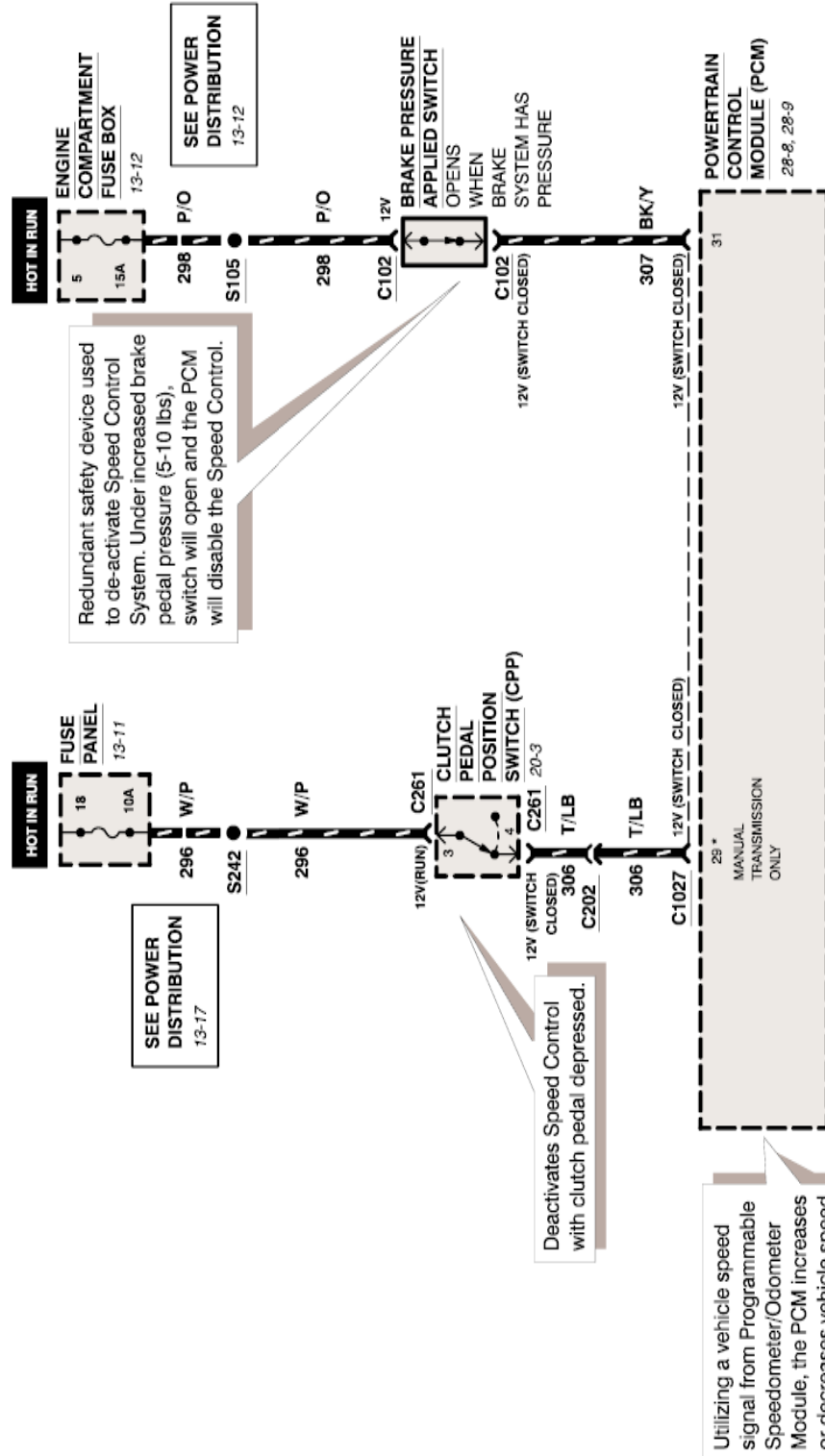
SEE POWER DISTRIBUTION 13-14

SPEED CONTROL 31-2

1997 F-250 HD/350/SUPER DUTY

DIESEL ONLY

* 49 STATES OR SUPER DUTY



Redundant safety device used to de-activate Speed Control System. Under increased brake pedal pressure (5-10 lbs), the PCM switch will open and the PCM will disable the Speed Control.

Deactivates Speed Control with clutch pedal depressed.

Utilizing a vehicle speed signal from Programmable Speedometer/Odometer Module, the PCM increases or decreases vehicle speed to maintain set speed.

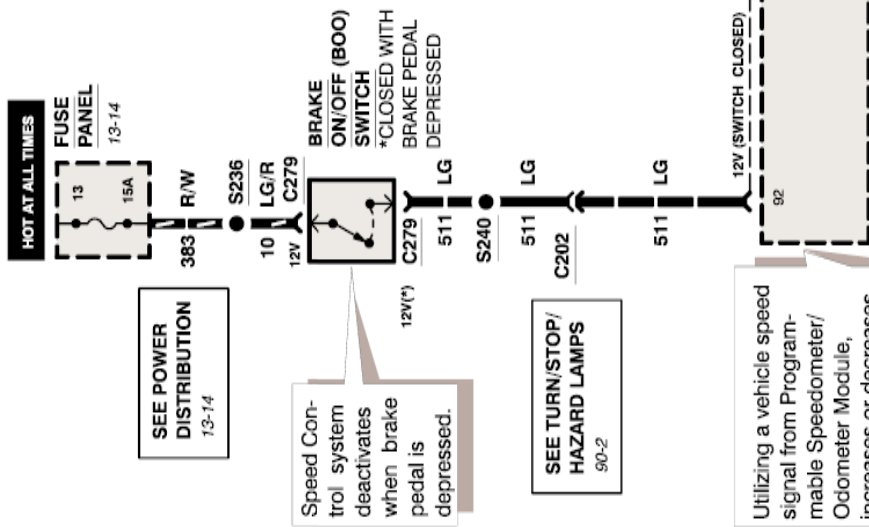
31-3 SPEED CONTROL

1997 F-250 HD/350/SUPER DUTY

DIESEL ONLY

Signals PCM to activate or deactivate speed control system, to set and hold vehicle speed, accelerate or coast.

SPEED CONTROL/
HORN SWITCH ASSEMBLY (STEERING COLUMN ASSEMBLY)

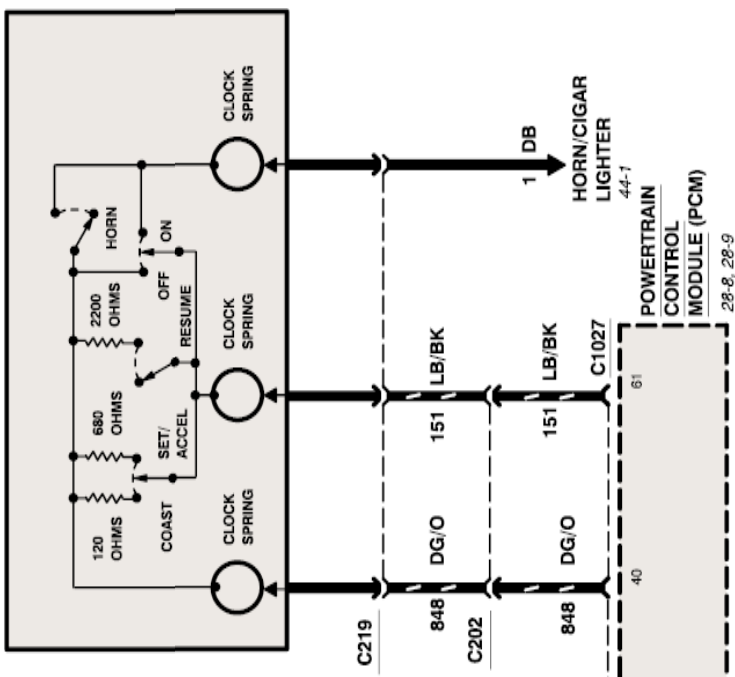


SEE POWER DISTRIBUTION 13-14

Speed Control system deactivates when brake pedal is depressed.

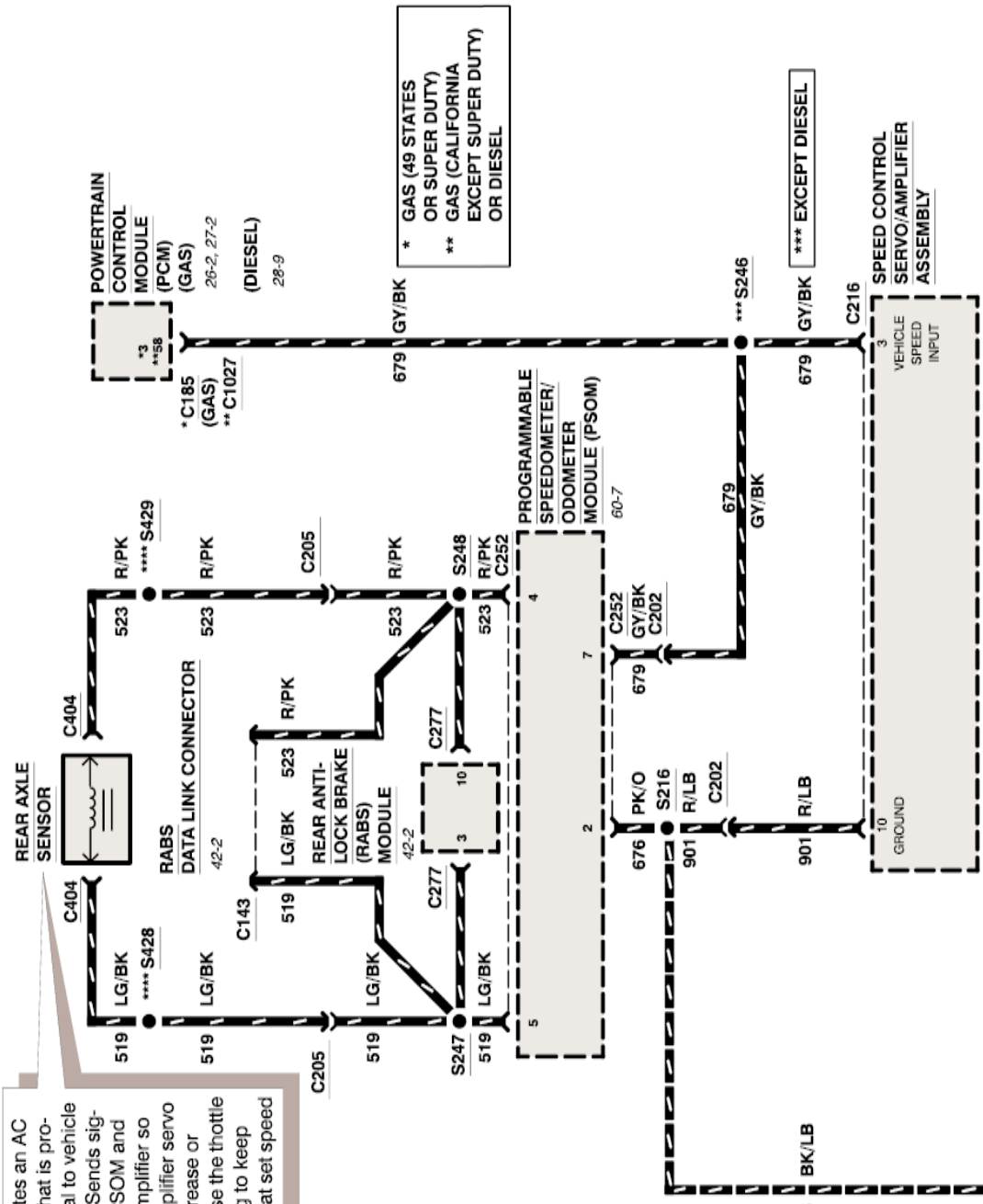
SEE TURN/STOP/HAZARD LAMPS 90-2

Utilizing a vehicle speed signal from Programmable Speedometer/Odometer Module, increases or decreases vehicle speed to maintain set speed.



SPEED CONTROL 31-4

1997 F-250 HD/350/SUPER DUTY



Generates an AC signal that is proportional to vehicle speed. Sends signal to PSOM and on to amplifier so that amplifier servo can increase or decrease the throttle opening to keep vehicle at set speed

***** W/152" WHEEL BASE OR GREATER

* GAS (49 STATES OR SUPER DUTY)
 ** GAS (CALIFORNIA EXCEPT SUPER DUTY) OR DIESEL

SEE GROUNDS
 10-9, 10-10

Refer to Location Index, Cell 152, for Component, Connector, Splice, Ground and Base Part Number descriptions and locations.